MINISTERIO DE DEFENSA NACIONAL
POLICÍA NACIONAL
OFICINA DE TECNOLOGÍAS DE LA INFORMACIÓN Y LAS COMUNICACIONES
GRUPO RED RADIO

1702757236

Nro. GS-2025- / OFTIC – GUSIN – 20.1

Bogotá D.C., 03 de marzo de 2025

Brigadier General
HERBERT LUGUIY BENAVIDEZ VALDERRAMA
Director Logístico y Financiero
Carrera 59 26 - 21 CAN
Bogotá D.C.

Asunto: certificación contrato PN DILOF No. 06-7-10315-24

De manera atenta y respetuosa me dirijo a mi general, con el propósito de informar que teniendo en cuenta la comunicación oficial GS-2024-021932-DILOF de fecha 19/07/2024, y de acuerdo a los documentos presentados por la señora mayor CLAUDIA YANETH RODRÍGUEZ PUENTES como supervisora del contrato PN DIRAF No. 06-7-10315-24 de fecha 09/12/2024, cuyo objeto es el "MANTENIMIENTO PLATAFORMA BASES DE DATOS, SISTEMAS OPERATIVOS Y SERVICIOS DE APLICACIÓN DE LA POLICÍA NACIONAL", fueron verificados, constatados y comprobados los soportes (resolución facturación de fecha 19/11/2024, certificación parafiscales de fecha 03/03/2025, planilla aportes seguridad social de fecha 04/03/2025, factura de venta No. EUPE 788 de fecha 03/03/2025, informe técnico del mes de febrero de la firma EUPHORIANET S.A.S) anexos a la presente certificación e incluidos en la constancia de recibo a satisfacción de los servicios relacionados, informando que los mismos se ajustan al proceso contractual al que se hace referencia, que poseen el contenido adecuado y correspondiente para el respectivo pago de la constancia No. 03 que comprende el periodo de entrega del mes de febrero del 2025 certificado por el supervisor, por un valor $25.500.000,00 (veinticinco millones quinientos mil pesos m/cte).

Atentamente,

Mayor **JULIO CESAR JIMÉNEZ FANDIÑO**
Subjefe Tecnologías de la Información y las Comunicaciones

Anexo(s): 05 (resolución facturación, certificación parafiscales, planilla aportes de seguridad, factura de venta, informe técnico)

Elaboró: MY CLAUDIA YANETH RODRÍGUEZ PUENTES
OFTIC-GUSIN.

Revisó: MY CLAUDIA YANETH RODRÍGUEZ PUENTES
Supervisor contrato PN DIRAF No. 06-7-10315-24

Fecha de elaboración: 03/03/2025
Ubicación: \\Z: \GACON AÑO 2025\DOCUMENTOS DE POYO

Carrera 59 26-21, Bogotá
Teléfonos (601)5159489
oftic.gusin@policia.gov.co
www.policia.gov.co

INFORMACIÓN PÚBLICA VISIBLE

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Página 1 de 3	PROCESO ADQUIRIR BIENES Y SERVICIOS	POLICIA NACIONAL
Código: 2BS-FR-0045		
Fecha: 12-03-2021	CONSTANCIA RECIBO A SATISFACCIÓN DE BIENES O SERVICIOS	
Versión: 3		

Ciudad y fecha:	Bogotá D.C, 03 de marzo de 2025
Unidad:	OFICINA DE LAS TECNOLOGÍAS DE LA INFORMACIÓN Y LAS COMUNICACIONES
Tipo de contrato	**Tipo de contrato** / **Marque el tipo de contrato** Orden de compra Contrato de obra Contrato de consultoría Contrato de prestación de servicios: X Contrato de compraventa Contrato de suministro Contrato interadministrativo
Contrato /aceptación de oferta u orden de compra No.	PN DILOF No. 06-7-10315-24.
Constancia de recibido No.	03
Contratista:	EUPHORIANET S.A.S.
NIT del contratista:	830.067.631-7
Objeto del contrato o aceptación de oferta:	MANTENIMIENTO PLATAFORMA BASES DE DATOS, SISTEMAS OPERATIVOS Y SERVICIOS DE APLICACIÓN DE LA POLICIA NACIONAL
Instrumento de agregación y número del Acuerdo Marco de Precios (aplica sólo para órdenes de compra):	NO APLICA
Valor del contrato / aceptación de oferta u orden de compra:	El valor del presente contrato corresponde a la suma de **DOSCIENTOS MILLONES QUINIENTOS MIL PESOS MONEDA LEGAL ($200'500.000,00)** INCLUIDO IVA, discriminados así:

ITEM	RUBRO Y DESAGREGACIÓN PRESUPUESTAL	UNIDAD	DESCRIPCIÓN	RECURSO	VIGENCIA	CANTIDAD	VALOR UNITARIO ESTIMADO, INCLUIDO IVA	VALOR TOTAL ESTIMADO, INCLUIDO IVA
1	SERVICIOS DE MANTENIMIENTO, REPARACIÓN E INSTALACIÓN (EXCEPTO SERVICIOS DE CONSTRUCCIÓN) A-02-02-02-008-07	OFTIC 000F	MANTENIMIENTO PLATAFORMA BASES DE DATOS, SISTEMAS OPERATIVOS Y SERVICIOS DE APLICACIÓN DE LA POLICÍA NACIONAL	10	2024	1 meS	$22'000.000,00	$22'000.000,00
					2025	7 meses	$25'500.000,00	$178.500.000,00
VALOR TOTAL ESTIMADO								$200'500.000,00

Plazo de ejecución:	Vigencia 2024: El plazo de ejecución será previa aprobación de la garantía única, hasta el 31 de diciembre de 2024. Vigencia 2025: A partir de la expedición del registro presupuestal, hasta el 31 de julio de 2025.

Página 2 de 3	PROCESO ADQUIRIR BIENES Y SERVICIOS	POLICIA NACIONAL
Código: 2BS-FR-0045		
Fecha: 12-03-2021	CONSTANCIA RECIBO A SATISFACCIÓN DE BIENES O SERVICIOS	
Versión: 3		

Fecha de vencimiento (aplica solo para órdenes de compra)	NO APLICA.
Lugar de ejecución y/o entrega	Los servicios serán prestados en las instalaciones de la Oficina de Tecnologías de la Información y las Comunicaciones, ubicada en la carrera 59 No. 26-21 CAN, Bogotá D.C., teléfonos 6015159140- 6015159489 y de forma remota en el Centro de Procesamiento de Datos Alterno, ubicado en la carrera 106 No. 15 A-25 manzana 4 lote 38 Data Center Zona Franca, Bogotá D.C. **Nota**: si es necesario realizar algún desplazamiento al centro de procesamiento de datos alterno, esto se coordinará con la supervisión del contrato sin ningún costo adicional para la Policía Nacional.
Incumplimiento del plazo de ejecución SI__NO_X__	N/A
Nombre del supervisor/coordinador del contrato y cargo que desempeña:	mayor CLAUDIA YANETH RODRÍGUEZ PUENTES Jefe Grupo Administración Servicios de Infraestructura en la Nube Comunicación oficial de notificación de supervisión No. GS-2024-041433-DILOF del 30/12/2024.
Fecha de entrega certificada:	Enero de 2025
Valor que se está certificando con la presente constancia de recibido de la vigencia 2025.	Registro presupuestal No. 825

UNIDAD	RECURSO	DESCRIPCIÓN DEL BIEN O SERVICIO RECIBIDO	VALOR RECIBIDO	VALOR FACTURADO	VALOR AMORTIZAR Y/O DESCONTAR*	VALOR A PAGAR
000F OFTIC	10	MANTENIMIENTO PLATAFORMA BASES DE DATOS, SISTEMAS OPERATIVOS Y SERVICIOS DE APLICACIÓN DE LA POLICIA NACIONAL	$ 25.500.000,00	$ 25.500.000,00	0	$ 25.500.000,00
TOTAL						$ 25.500.000,00

Acta de recepción de bienes	NO APLICA.

No. Factura	Fecha factura	Valor factura	Nota crédito o débito	Valor neto
EUPE788	03/03/2025	$ 25.500.000.00	$ 0.0	$ 25.500.000.00
Valor total bienes y/o servicios recibidos		$ 25.500.000.00	$ 0.0	$ 25.500.000.00

CONCEPTO DE CUMPLIMIENTO: La firma EUPHORIANET S.A.S. cumplió a satisfacción con la entrega de los servicios solicitados de mantenimiento plataforma bases de datos, sistemas operativos y servicios de aplicación de la Policía Nacional para el mes de febrero de 2025, en cumplimiento a las ESPECIFICACIONES TÉCNICAS del Anexo No. 2 en sus términos y condiciones establecidas en el contrato, por lo tanto, es viable proceder con el pago de la factura.

Nota: se realizó solicitud de Plan Anual de Caja (PAC) para el mes de febrero mediante comunicación oficial No. GS-2025-000822-OFTIC del 03/02/2025.

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Página 3 de 3	PROCESO ADQUIRIR BIENES Y SERVICIOS	POLICIA NACIONAL
Código: 2BS-FR-0045		
Fecha: 12-03-2021	CONSTANCIA RECIBO A SATISFACCIÓN DE BIENES O SERVICIOS	
Versión: 3		

Por medio de la presente constancia de recibo a satisfacción y en mi condición de supervisor acredito el cumplimiento de las obligaciones del contratista y certifico que los servicios relacionados cumplen con las especificaciones técnicas contratadas.

No.	Obligación Contractual o especificación técnica	CUMPLIÓ Si__ No___	Observaciones y Evidencias
1	Requerimientos Generales	SI	Realización de las diferentes actividades con el objetivo de mantener en correcto funcionamiento la plataforma tecnológica con un consumo de 240 horas de soporte en el presente periodo.
2	Servicio de Base de Datos	SI	Revisión individual de servidores de base de datos. Revisión estado de réplica de base de datos. Estado general del Almacenamiento (OS y LUNS) de las bases de datos Validación I/O de los discos presentados a las bases de datos. Revisión de recursos de los servidores de base de datos. Revisión de los servicios del clúster de las bases de datos. Revisión de logs de base de datos. Corrección de errores y afinamientos de los servidores de las bases de datos. Tratamiento de errores base de datos Ope1. Ajustes MTU y seguimiento para la base de datos de Réplica ADM1 STBY y ADM3 STBY. Movimiento base de datos del repositorio del Forms del SIATH a nuevos servidores KVM y alistamiento de VM Virtual con el contenido para la transferencia de conocimiento PL SQL.
3	Usuario Empresarial y Auditoría	SI	No se ha requerido soporte OUD.
4	Inteligencia de Negocio	SI	No se ha requerido soporte en administración, optimización, configuración y/o actualización en Business Intelligence Suite Enterprise.
5	Servicio de Aplicación y Monitoreo	SI	Movimiento de servidores del SIATH Forms a Plataforma KVM. Movimiento base de datos del OIM a Plataforma KVM (Actividades previas de ajustes a la réplica, ventana de mantenimiento y soporte)
6	Sistema Operativo	SI	Revisión de la plataforma de virtualización Linux.
7	Soporte y Mantenimiento	SI	Se cumple con los tiempos y controles establecidos.
8	Informes y/o Productos	SI	Se recibe informe del mes de febrero por parte de la empresa EUPHORIANET S.A.S.
9	Transferencia de Conocimiento y Documentación	SI	Procedimientos detallados en el informe entregado por empresa EUPHORIANET S.A.S. Se realiza transferencia de conocimiento a 8 funcionarios por un periodo de 40 horas, soportado en orden de servicios No. 009 / OFTIC – GUSAP del 05/02/2025
10	Garantía del Servicio	SI	Permanente, no se han presentado inconvenientes en cuanto a garantías.
11	Experiencia de los Profesionales	SI	El personal cuenta con la idoneidad y fue presentado en la Oficina de Tecnologías de la Información y las Comunicaciones el 16/12/2024.
12	Confidencialidad de La Información	SI	Permanente.

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13	Condiciones Ambientales	SI	Permanente, la información ha sido entregada en forma digital.
14	Compromiso de Anticorrupción	SI	Permanente
15	Sistema de Gestión de la Seguridad y Salud en el Trabajo	SI	Permanente, se ha cumplido con el protocolo de seguridad de instalaciones.

NOTA: para la radicación de la constancia de recibido a satisfacción, el supervisor debe acompañarla, con el informe de supervisión correspondiente al periodo o a la entrega certificada, junto con la publicación de la factura por parte del contratista en el SECOPII – Plan de pagos.

Mayor **CLAUDIA YANETH RODRÍGUEZ PUENTES**
Jefe Grupo Administración Servicios de Infraestructura en la Nube
Supervisor de Contrato PN DIRAF No. 06-7-10315-24
Comunicación oficial de notificación de supervisión No. GS-2024-041433-DILOF del 30/12/2024

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GS-2025-001850-OFTIC

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FACTURA ELECTRONICA DE VENTA

EUPE 788

FECHA DE EXPEDICIÓN: 3/Mar/2025
FECHA DE VENCIMIENTO: 02/May/2025

FORMA DE PAGO: 60 DIAS

NOMBRE COMERCIAL: POLICIA NACIONAL DIRECCION LOGISTICA Y FINANCIERA
NIT: 800141397-5
DIRECCIÓN: CARRERA 59 26 21 SEGUNDO PISO
CIUDAD: BOGOTÁ
TELÉFONO(S): 5159000
Responsable de Impuesto a las Ventas (48) R-99-PN - NO
CORREO: sifnacion.facturaelectronica@minhacienda.gov.co

Nombre Comercial **EUPHORIANET S.A.S**
Número Documento **830.067.631-7**
Correo **mriano@euphoria-net.com**

RESPONSABLES DE IVA
AUTORIZACIÓN NUMERACIÓN DE FACTURACIÓN 18764083684412
FECHA: 2024/11/19 VENCE: 2026/05/19
NUMERACIÓN AUTORIZADA DEL 745 AL 2000 PREFIJO EUPE
ACTIVIDAD ECONÓMICA 6201

ITEM	DESCRIPCION	VALOR TOTAL
1	TERCER PAGO. SEGUN CONTRATO PN DIRAF No. 06-7-10315--24 DE OBJETO "MANTENIMIENTO PLATAFORMA BASES DE DATOS. SISTEMAS OPERATIVOS Y SERVICIOS DE APLICACION DE LA POLICIA NACIONAL". DURANTE EL PERIODO COMPRENDIDO ENTRE EL 01 DE FEBRERO DE 2025 Y EL 28 DE FEBRERO DE 2025. FAVOR CONSIGNAR EN LA CUENTA CORRIENTE N° 031-048190-85 DE BANCOLOMBIA Y TITULAR EUPHORIANET SAS	21.428.571.43

SON:
VEINTICINCO MILLONES QUINIENTOS MIL PESOS

SUBTOTAL:	21,428,571.43
I.V.A.	4,071,428.57
RETENCION EN LA FUENTE:	
RETENCION DE I.V.A.	
RETENCION DE I.C.A.	
TOTAL:	25,500,000.00

NOTAS FINALES:
=516-01-01-000:06-7-10315-24:CLAUDIA.RODRIGUEZ1449@CORREO.POLICIA.GOV.CO#
$

Esta factura se asimila para todos sus efectos legales a la Letra de Cambio. Artículo 774 de Código de Comercio.

Cufe: 3eccce5ab699dec7f24c2241cde8885764e2670d7868a386d5c22fe44b5f4db9eccdf219270c7d7f4bd49da2ed31c934

HORA Y FECHA VALIDACION DIAN: 2025-03-03 11:27:25-05:00

PRESTADOR SE SERVICIOS TECNOLOGICOS ATEB COLOMBIA SAS NIT 9009659927 SOFTWARE COFIDI.
Calle 74 A N° 22 - 31 Oficina 301 Bogotá D.C. Colombia - Tel.: (+571) 212 3373 / 540 8281
e-mail: info@euphoria-net.com http//www.euphoria-net.com
!! REPRESENTACIONGRAFICA DE LA FACTURA ELECTRONICA DE VENTA !!

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GS-2025-001850-OFTIC

DIAN

Autorización Numeración de Facturación

1876

Espacio reservado para la DIAN

4. Número de formulario: 18764083684412

(415)7707212489984(8020) 001876408368441 2

5. Número de Identificación Tributaria - NIT	6. DV	7. Primer apellido	8. Segundo apellido	9. Primer nombre	10. Otros nombres
8 3 0 0 6 7 6 3 1	7				

11. Razón social: EUPHORIANET S.A.S

12. Dirección seccional: Impuestos de Bogotá — Cód. 3 2

24. Dirección: CL 74 A 22 31

25. País	26.Departamento	27. Municipio
Colombia	Bogotá D.C.	Bogotá, D.C.

La U.A.E. Dirección de Impuestos y Aduanas Nacionales, conforme a la facultad discrecional establecida en el artículo 684 - 2 del Estatuto Tributario y en virtud de lo estipulado en la Resolución 000165 del 01/11/2023, por la cual se dictan otras disposiciones en materia de sistemas de facturación; previo estudio y evaluación de la solicitud realizada por el contribuyente, representante legal o apoderado debidamente acreditado; determina autorizar los rangos de numeración de facturación y/o documento equivalente. En los casos, en que se agote dicha numeración antes de culminar su vigencia, el interesado tendrá derecho a solicitar una nueva autorización, de acuerdo con el tramite establecido.

Las vigencias de los rangos de numeración de facturación, se contarán a partir de la formalización de éste documento oficial.

Si el obligado a facturar; no hubiere agotado la numeración de facturación transcurrido el término de la vigencia autorizada, con 15 días de antelación podrá solicitar la habilitación de la numeración sobrante.

Cuando se trate de una solicitud de inhabilitación de la numeración de facturación y/o documento equivalente, la vigencia es permanente, por lo tanto, no procede la habilitación de dichos rangos.

El formato oficial 1876 Autorización numeración de facturación es único e intransferible, solo surte efecto durante la vigencia para el titular del mismo, por ende, su custodia y divulgación es exclusiva responsabilidad del facturador. El uso no autorizado del formato o su adulteración puede tener consecuencias de tipo penal.

Nota: La no adopción o violación de los sistemas técnicos de control, dará lugar a la sanción establecida en el artículo 684-2 del E.T

Firma del solicitante

Firma del funcionario autorizado

DIAN
2024-11-19 / 03:34:33 PM
Fecha Acuse de Recibo
Firmado

984. Apellidos y nombres
985. Cargo
989. Dependencia

1001. Apellidos y nombres: ESCALLON MORALES JOSE MARCELINO
1002. Tipo documento: Cédula de Ciudadanía
1003. No. Identiflcación: 80427310 — 1004. DV: 3
1005. Cod. Representación: Representante Legal Principal
1006. Organización: EUPHORIANET S.A.S

990. Lugar administrativo: SUBDIRECCION DE FACTURA ELECTRONICA Y SOLUCI
991. Organización: U.A.E. DIRECCION DE IMPUESTOS Y ADUANAS NACION
992. Área
993. Establecimiento

997. Fecha formalización: 2024-11-19 15:34:33

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AUTORIZADO

GS-2025-001850-OFTIC

DIAN

Autorización Numeración de Facturación

1876

Página 2 de 2 Hoja No. 2

Espacio reservado para la DIAN

4. Número de formulario 18764083684412

(415)7707212489984(8020) 001876408368441 2

5. Número de Identificación Tributaria - NIT	6. DV	7. Primer apellido	8. Segundo apellido	9. Primer nombre	10. Otros nombres
8 3 0 0 6 7 6 3 1	7				

11. Razón social

EUPHORIANET S.A.S

Rangos de numeración para autorizar, habilitar o inhabilitar

	29. Establecimiento	30. Modalidad	Cód.	31. Prefijo	32. Desde el número	33. Hasta el número	38. Vigencia	34. Tipo solicitud	Cód.
1	EUPHORIANET S.A.S CL 74 A 22 31	FACTURA ELECTRÓNICA DE VENTA	4	EUPE	745	2,000	18	HABILITACIÓN	2
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									

AUTORIZADO

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CERTIFICACIÓN

Yo, SANDRA LILIANA GUTIÉRREZ LÓPEZ, identificada con la cédula de ciudadanía No. 52.187.732, actuando en mi calidad de Revisor Fiscal, de EUPHORIANET SAS, identificada con el NIT No. 830.067.631-7, en cumplimiento de lo dispuesto en el artículo 50 de la Ley 789 de 2002, artículo 23 de la Ley 1150 de 2007 y demás leyes y decretos, certifico que la misma ha cumplido oportunamente con la obligación de pagar los aportes a los Sistemas de Seguridad Social en Salud, Pensión y Riesgos Profesionales, correspondientes a sus trabajadores y/o empleados, durante los últimos seis (6) meses.

Esta certificación se expide a los tres (03) días del mes de marzo de dos mil veinticinco (2.025) con destino a POLICÍA NACIONAL - DIRECCIÓN LOGÍSTICA Y FINANCIERA.

Cordialmente,

SANDRA LILIANA GUTIÉRREZ LÓPEZ
Revisora Fiscal

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compensar miplanilla.com

REPORTE RESUMEN DE PAGO

GS-2025-001850-OFTIC

Información básica de la planilla

Empresa:	EUPHORIANET SAS	**NIT:**	830067631
Tipo Planilla:	E	**Periodo liquidación Pensiones:**	febrero 2025
Sucursal o Dependencia:	PRINCIPAL	**Periodo liquidación Salud:**	marzo 2025
Número de Radicación:	84688617	**Total a pagar:**	$12,345,900
Fecha de vencimiento:	10/03/2025	**Total de empleados:**	10
Fecha de Pago:	04/03/2025	**Número de Administradoras:**	9

Detalles del pago

Razón social recaudo:	Compensar OI	**Nit recaudo:**	9998600669427
Descripción:	MiPlanilla.com Pago Proteccion Social	**Medio de Pago:**	Pago Electronico por PSE
Banco:	BANCOLOMBIA	**Número Autorización:**	1311392684
Estado de la transacción:	Transacción aprobada		

Código	NIT	Administradoras	Num. Afiliados	*Número de incapacidad por riesgos laborales	Valor descontado en incapacidad y/o licencia	Total Pagado
14-4	860002183	Seguros de Vida Colpatria S.A.	10		$0	$271,100
230201	800229739	Proteccion (ING + Proteccion)	2		$0	$914,000
230301	800224808	Porvenir	4		$0	$2,930,800
25-14	900336004	Administradora Colombiana de Pensiones -	3		$0	$4,080,200
CCF24	860066942	Compensar Caja de Compensacion Fliar	10		$0	$2,074,900
EPS005	800251440	Sanitas EPS	4		$0	$789,100
EPS008	860066942	Compensar EPS	3		$0	$607,500
EPS017	830003564	Famisanar EPS Cafam Colsubsidio	2		$0	$563,800
EPS037	900156264	Nueva Promotora de Salud - Nueva EPS	1		$0	$114,500
						$12,345,900

***Si descontó incapacidades o notas crédito debe informar a la administradora correspondiente los descuentos.**

Este documento está clasificado como PRIVADO por parte de Compensar Operador de Información

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POLICÍA NACIONAL
DIRECCIÓN LOGÍSTICA Y FINANCIERA

CONTRATO 06-7-10315-2024

Informe de Actividades para el periodo comprendido entre el 01 de febrero de 2025 y el 28 de febrero de 2025

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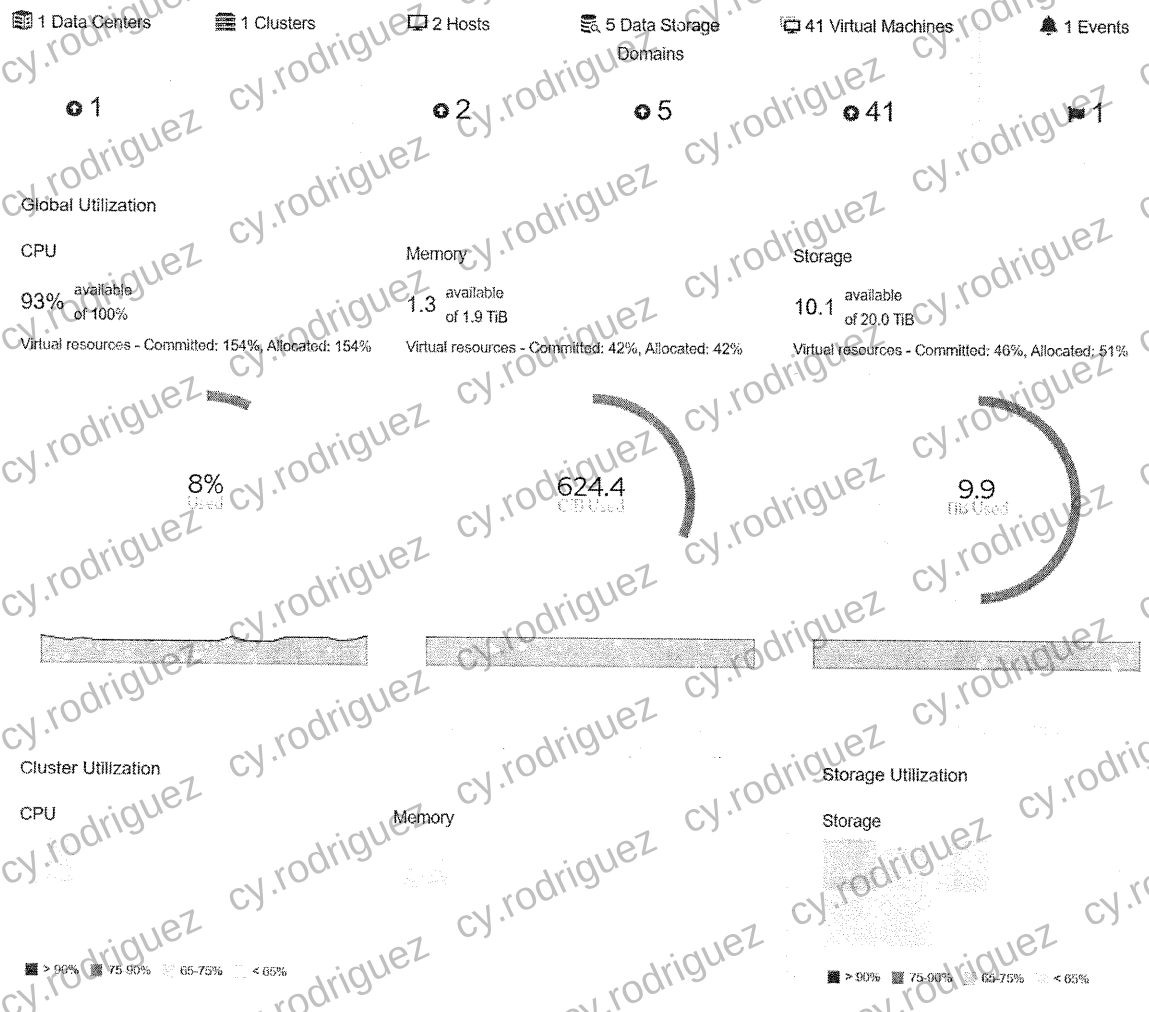
1 Actividades

El siguiente capítulo detalla las actividades realizada por los ingenieros especialistas en sistemas operativos y bases de datos durante la ejecución de las tareas para el periodo comprendido entre el 01 de febrero de 2025 y el 28 de febrero de 2025

1.1 Actividades de Sistemas Operativos y Capa de Virtualización

1.1.1 Estado consola de Virtualization Manager

Se valida la consola la cual no tiene presenta ninguna alarma o evento critico desde la ultima vez que se le hizo mantenimiento correctivo.



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1.1.2 Validación de los host de Oracle Virtualization Manager

Se validan el estado de los servidores físicos los cuales no presentan alarmas o errores.

SRVOLKVM01 ejecutando Oracle Linux Server 8.10 — Reiniciar

Salud

- Actualizaciones de seguridad disponibles
- Último inicio de sesión correcto: 25 feb, 12:20
  desde 172.28.3.27 en pts/0
  Ver el historial de inicios de sesión

Uso

CPU	3% de 152 núcleos de CPU
Memoria	320 / 990 GiB

Ver métricas e histórico

Información del sistema

Modelo	Dell Inc. PowerEdge R750
Etiqueta de propiedad	8VN9RT3
Id. de máquina	e3840e71e1e54d63b65c43b6e0fa5bad
Tiempo en línea	2 meses

Ver los detalles del hardware

Configuración

Nombre del anfitrión	SRVOLKVM01 editar
Hora del sistema	26 feb 2025, 14:48
Dominio	Instale soporte para realmd
Perfil de rendimiento	virtual-host
Políticas de criptografía	Predeterminado
Claves de Secure Shell	Mostrar las huellas dactilares

SRVOLKVM02 ejecutando Oracle Linux Server 8.10 — Reiniciar

Salud

- Actualizaciones de seguridad disponibles
- Último inicio de sesión correcto: 18 feb, 14:51
  desde 172.28.3.194 en pts/0
  Ver el historial de inicios de sesión

Uso

CPU	13% de 152 núcleos de CPU
Memoria	320 / 990 GiB

Ver métricas e histórico

Información del sistema

Modelo	Dell Inc. PowerEdge R750
Etiqueta de propiedad	BVN9RT3
Id. de máquina	c12c0588b9dc4e599e1abfe4294032ff
Tiempo en línea	9 meses

Ver los detalles del hardware

Configuración

Nombre del anfitrión	SRVOLKVM02 editar
Hora del sistema	26 feb 2025, 14:48
Dominio	Instale soporte para realmd
Perfil de rendimiento	virtual-host
Políticas de criptografía	Predeterminado
Claves de Secure Shell	Mostrar las huellas dactilares

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1.1.3 Actualizaciones pendientes en los hosts

Se validan las actualizaciones pendientes de cada host, las cuales se deben realizar cuando el host no tenga servidores virtuales ya que es necesario reiniciar el servidor.

1.2 Monitoreo servidores de BD a nivel del SO y Bases de Datos

1.2.1 Contenedor ADM1

Estado del Servidor srvdbo06

Informe del servidor srvdbo06

Información del Servidor

```
 Static hostname: srvdbo06
       Icon name: computer-server
         Chassis: server
      Machine ID: 435bcc2fb48a47ceac02a76a92f179cb
         Boot ID: 23e5fc7431a743dc871b4745835e715c
```

Operating System: Oracle Linux Server 8.8
CPE OS Name: cpe:/o:oracle:linux:8:8:server

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Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
Architecture: x86-64

Usuarios que han iniciado sesión en el servidor

```
usrveeam pts/4      172.28.251.99   Wed Feb 26 12:41 - 12:41  (00:00)
usrveeam pts/4      172.28.251.99   Wed Feb 26 12:41 - 12:41  (00:00)
oracle   pts/3    172.28.3.27     Wed Feb 26 11:36   still logged in
oracle   pts/2    172.28.3.121    Wed Feb 26 09:21   still logged in
usrveeam pts/3      172.28.251.99   Wed Feb 26 08:41 - 08:41  (00:00)
usrveeam pts/3      172.28.251.99   Wed Feb 26 08:41 - 08:41  (00:00)
usrveeam pts/3      172.28.251.99   Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/3      172.28.251.99   Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/3      172.28.251.99   Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/3      172.28.251.99   Wed Feb 26 07:02 - 07:02  (00:00)
```

Información del Procesamiento del Servidor

```
top - 13:15:57 up 82 days,  4:41,  4 users,  load average: 20.11, 19.96, 17.28
Tasks: 3035 total,  21 running, 3013 sleeping,   0 stopped,   1 zombie
%Cpu(s): 14.9 us,  0.6 sy,  0.0 ni, 84.1 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem :  1014923.+total, 432571.0 free, 463616.6 used, 118736.0 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 536077.6 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
2165239 oracle    20   0  407.1g 763236 139184 R 100.0   0.1 140:39.15 ora_j00+
2553314 oracle    20   0  407.8g   1.4g 142844 R 100.0   0.1  78:00.74 ora_j00+
2834759 oracle    20   0  406.7g 172712 118020 R 100.0   0.0  23:27.12 oracle_+
2929463 oracle    20   0  406.6g 111788  96500 R 100.0   0.0   3:45.26 oracle_+
3084474 oracle    20   0  406.6g 147084 100388 R 100.0   0.0  14:40.13 oracle_+
3158913 oracle    20   0  406.6g 116616  99720 R 100.0   0.0   0:02.23 oracle_+
3161237 oracle    20   0  406.6g 124840 109808 R 100.0   0.0   0:03.49 oracle_+
3161926 oracle    20   0  406.6g 120340  99832 R 100.0   0.0   0:05.94 oracle_+
```

El uso promedio del procesamiento del servidor es del 15.90%.

Información del Espacio del Servidor

```
Filesystem            Size  Used Avail Use% Mounted on
devtmpfs              496G     0  496G   0% /dev
tmpfs                 496G  6.9G  489G   2% /dev/shm
tmpfs                 496G  2.6G  494G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  7.5G   43G  15% /
/dev/mapper/srvdbo-home   50G  1.1G   49G   3% /home
/dev/mapper/srvdbo-tmp    20G  197M   20G   1% /tmp
/dev/sda2            2.0G  450M  1.6G  23% /boot
/dev/sda1            2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-var    20G   14G  7.0G  66% /var
/dev/mapper/srvdbo-u01   500G  322G  179G  65% /u01
/dev/mapper/mpathn1      9.1T  2.1T  6.6T  24% /bkp
tmpfs                 100G     0  100G   0% /run/user/54323
tmpfs                 100G     0  100G   0% /run/user/54322
tmpfs                 100G     0  100G   0% /run/user/0
tmpfs                 100G     0  100G   0% /run/user/54327
tmpfs                 100G     0  100G   0% /run/user/54321
```


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Información de utilización de los discos

```
sdm      296.00   0.00 134144.00    0.00   0.00   0.00   0.00   0.00    2.76   0.00   0.82   453.19    0.00   1.91  56.50
sdk      304.00   2.00 139261.00   20.00   0.00   0.00   0.00   0.00    2.68   0.00   0.82   458.10   10.00   1.79  54.70
sdq      208.00  25.00  89091.00  138.00   0.00  14.00   0.00  35.90    2.58   0.28   0.54   428.32    5.52   1.99  46.30
dm-35      0.00 142.00      0.00 127430.00   0.00 106.00   0.00  42.74    0.00   1.40   0.20     0.00  897.39   1.91  27.10
dm-37      0.00 248.00      0.00 127430.00   0.00   0.00   0.00   0.00    0.00   1.44   0.36     0.00  513.83   1.09  27.00
sdj       84.55 103.95   5761.82   2164.68   3.88   5.39   4.39   4.93    0.79   0.59   0.13    68.15   20.82   0.64  12.09
sdn       83.47 111.13   5728.63   2268.23   3.90   5.37   4.46   4.61    0.79   2.18   0.31    68.63   20.41   0.61  11.96
sdh       82.89 103.71   5745.75   2156.87   3.87   5.29   4.46   4.85    0.79   0.29   0.10    69.32   20.80   0.64  11.91
sdp       84.36 106.50   5748.02   2198.44   3.88   5.30   4.40   4.74    0.78   0.23   0.09    68.14   20.64   0.62  11.89
sdo       81.78 106.66   5707.91   2169.48   3.85   5.36   4.49   4.78    0.79   5.41   0.04    69.80   20.34   0.63  11.86
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             991         452         422           9         115         523
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     25550      1  0  2024 ?        00:10:24 asm_pmon_+ASM1
oracle  120864      1  0 Jan03 ?        00:40:27 ora_pmon_cdb1adm1
root   3164766 3164597  0 13:15 pts/3    00:00:00 /bin/sh -c ps -fea | grep pmon
root   3164768 3164766  0 13:15 pts/3    00:00:00 grep pmon
grid   3950255      1  0  2024 ?        00:09:14 ora_pmon_-MGMTDB
```

Servicio de Listener de los Nodos de BD

Listener LISTENER is enabled
Listener LISTENER is running on node(s): srvdbo14,srvdbo06

Estado General del Listener de las BD

LSNRCTL for Linux: Version 21.0.0.0.0 - Production on 26-FEB-2025 13:15:59

Copyright (c) 1991, 2021, Oracle. All rights reserved.

Connecting to (ADDRESS=(PROTOCOL=tcp)(HOST=)(PORT=1521))
STATUS of the LISTENER

Alias LISTENER
Version TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date 06-DEC-2024 08:35:54
Uptime 82 days 4 hr. 40 min. 5 sec
Trace Level off
Security ON: Local OS Authentication
SNMP OFF
Listener Parameter File /u01/app/product/21.0.0/grid/network/admin/listener.ora
Listener Log File /u01/app/grid/diag/tnslsnr/srvdbo06/listener/alert/log.xml
Listening Endpoints Summary...
(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.206)(PORT=1521)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.235)(PORT=1521)))

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcps)(HOST=srvdbo06)(PORT=5502))(Security=(my_wallet_
directory=/u01/app/oracle/homes/OraDB21Home1/admin/cdb1adm/xdb_wallet))(Presentation
=HTTP)(Session=RAW))

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcps)(HOST=srvdbo06)(PORT=5500))(Security=(my_wallet_

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directory=/u01/app/oracle/homes/OraDB21Home1/admin/cdb1adm/xdb_wallet))(Presentation=HTTP)(Session=RAW))
Services Summary...
Service "+ASM" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_DATA" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_FRA" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_VOTE" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "259ee89ed6bc78bee063ce121cac1d81" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "625d0202b734ed8de05303121cac92d4" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "675639dafa3263e2e0530f121cac00c3" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "80b970001af083ede0530d121cacd74e" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "80ba4cc91e671403e0530d121cac8b15" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "80ba99242023c907e0530d121cacaa81" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "80baf18d177f7561e0530d121cacb583" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "80bb52616c3e2664e0530d121cace0b0" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "80bbf5ebd9f964b6e0530d121cac0b1c" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "80bc66134431219fe0530d121cace5f7" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "appext" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "b737c1b753fedb06e0530f121cac6c0f" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "cdb1adm" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "cdb1adm_CFG" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "dbpki" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "fd9ac20f64d344d7e043b6a9e80a2f2f" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "finan" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "gecop" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "hydra" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "nominap" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "pdb_svision" has 1 instance(s).
  Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "pqrs" has 1 instance(s).

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Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "sicoq" has 1 instance(s).
Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "sinar" has 1 instance(s).
Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
Service "titan" has 1 instance(s).
Instance "cdb1adm1", status READY, has 1 handler(s) for this service...
The command completed successfully

Estado General del Cluster de las BD

```
--------------------------------------------------------------------------------
Name           Target  State        Server                   State details
--------------------------------------------------------------------------------
Local Resources
--------------------------------------------------------------------------------
ora.LISTENER.lsnr
               ONLINE  ONLINE       srvdbo06                 STABLE
               ONLINE  ONLINE       srvdbo14                 STABLE
ora.chad
               ONLINE  ONLINE       srvdbo06                 STABLE
               ONLINE  ONLINE       srvdbo14                 STABLE
ora.net1.network
               ONLINE  ONLINE       srvdbo06                 STABLE
               ONLINE  ONLINE       srvdbo14                 STABLE
ora.ons
               ONLINE  ONLINE       srvdbo06                 STABLE
               ONLINE  ONLINE       srvdbo14                 STABLE
--------------------------------------------------------------------------------
Cluster Resources
--------------------------------------------------------------------------------
ora.ASMNET1LSNR_ASM.lsnr(ora.asmgroup)
      1        ONLINE  ONLINE       srvdbo06                 STABLE
      2        ONLINE  ONLINE       srvdbo14                 STABLE
ora.DG_DATA.dg(ora.asmgroup)
      1        ONLINE  ONLINE       srvdbo06                 STABLE
      2        ONLINE  ONLINE       srvdbo14                 STABLE
ora.DG_FRA.dg(ora.asmgroup)
      1        ONLINE  ONLINE       srvdbo06                 STABLE
      2        ONLINE  ONLINE       srvdbo14                 STABLE
ora.LISTENER_SCAN1.lsnr
      1        ONLINE  ONLINE       srvdbo06                 STABLE
ora.LISTENER_SCAN2.lsnr
      1        ONLINE  ONLINE       srvdbo06                 STABLE
ora.LISTENER_SCAN3.lsnr
      1        ONLINE  ONLINE       srvdbo14                 STABLE
ora.MGMTLSNR
      1        ONLINE  ONLINE       srvdbo06                 169.254.9.9 11.10.18
                                                             .206,STABLE
ora.VOTE.dg(ora.asmgroup)
      1        ONLINE  ONLINE       srvdbo06                 STABLE
      2        ONLINE  ONLINE       srvdbo14                 STABLE
ora.asm(ora.asmgroup)
      1        ONLINE  ONLINE       srvdbo06                 Started,STABLE
      2        ONLINE  ONLINE       srvdbo14                 Started,STABLE
ora.asmnet1.asmnetwork(ora.asmgroup)
      1        ONLINE  ONLINE       srvdbo06                 STABLE
      2        ONLINE  ONLINE       srvdbo14                 STABLE
ora.cdb1adm.appext.pdb
      1        ONLINE  ONLINE       srvdbo14                 STABLE
      3        ONLINE  ONLINE       srvdbo06                 STABLE
ora.cdb1adm.db
      1        ONLINE  ONLINE       srvdbo14                 Open,HOME=/u01/app/p
                                                             roduct/21.0.0/dbhome
                                                             _1,STABLE
      2        ONLINE  ONLINE       srvdbo06                 Open,HOME=/u01/app/p
```


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```
                                        roduct/21.0.0/dbhome
                                        _1,STABLE
     3        OFFLINE OFFLINE                       STABLE
ora.cdb1adm.dbpkl.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.finan.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.gecop.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.hydra.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.nominap.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.pdb_svision.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.pqrs.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.sicoq.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.sinar.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     2        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdb1adm.titan.pdb
     1        ONLINE  ONLINE       srvdbo14         STABLE
     3        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdp1.cdp
     1        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdp2.cdp
     1        ONLINE  ONLINE       srvdbo06         STABLE
ora.cdp3.cdp
     1        ONLINE  ONLINE       srvdbo14         STABLE
ora.cvu
     1        ONLINE  ONLINE       srvdbo06         STABLE
ora.mgmtdb
     1        ONLINE  ONLINE       srvdbo06         Open,STABLE
ora.qosmserver
     1        ONLINE  ONLINE       srvdbo06         STABLE
ora.scan1.vip
     1        ONLINE  ONLINE       srvdbo06         STABLE
ora.scan2.vip
     1        ONLINE  ONLINE       srvdbo06         STABLE
ora.scan3.vip
     1        ONLINE  ONLINE       srvdbo14         STABLE
ora.srvdbo06.vip
     1        ONLINE  ONLINE       srvdbo06         STABLE
ora.srvdbo14.vip
     1        ONLINE  ONLINE       srvdbo14         STABLE
--------------------------------------------------------------------------------
```

Estado de los Agentes del Listener de las BD

CRS-4638: Oracle High Availability Services is online
CRS-4537: Cluster Ready Services is online
CRS-4529: Cluster Synchronization Services is online
CRS-4533: Event Manager is online

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Estado del Data Guard de la Base de Datos adm3stby (cdb1adm1)

```
ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1
DGMGRL for Linux: Release 21.0.0.0.0 - Production on Wed Feb 26 13:16:01 2025
Version 21.15.0.0.0

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Welcome to DGMGRL, type "help" for information.
DGMGRL> Connected to "cdb1adm"
Connected as SYSDG.
DGMGRL>
Database - adm1stby

  Role:            PHYSICAL STANDBY
  Intended State:  APPLY-ON
  Transport Lag:   0 seconds (computed 1 second ago)
  Apply Lag:       0 seconds (computed 1 second ago)
  Average Apply Rate:  5.20 MByte/s
  Real Time Query:  OFF
  Instance(s):
    adm1stby1 (apply instance)
    adm1stby2

Database Status:
DGM-17016: failed to retrieve status for database "adm1stby"
ORA-16662: network timeout when contacting a member

DGMGRL> DGMGRL> DGMGRL> DGMGRL> DGMGRL>
```

Estado de los Pluggable Databases (cdb1adm1)

```
ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

    CON_ID CON_NAME                        OPEN MODE  RESTRICTED
---------- ------------------------------ ---------- ----------
         2 PDB$SEED                       READ ONLY  NO
         3 GECOP                          READ WRITE NO
         4 DBPKI                          READ WRITE NO
         5 HYDRA                          READ WRITE NO
         6 SICOQ                          READ WRITE NO
         7 FINAN                          READ WRITE NO
         8 PQRS                           READ WRITE NO
         9 PDB_SVISION                    READ WRITE NO
        10 NOMINAP                        READ WRITE NO
        11 APPEXT                         READ WRITE NO
        12 TITAN                          READ WRITE NO
        13 SINAR                          READ WRITE NO
```

Respaldo de los últimos 5 días del contenedor (cdb1adm1)

```
ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1
```


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```
========================================== ==========================================
START_TIME                                                                    INPUT_TYPE
STATUS                    TIME_HR   IN_TB    OUT_TB OUTPUT_DEVICE_TYP
------------------------------------------------------------------------------------------
26-02-2025 13:00:15                                                           ARCHIVELOG
RUNNING                          .3 .373343105 .130414195 DISK
25-02-2025 13:00:19                                                           DB FULL    COMPLETED
                                3.9 6.53128296 1.92778754 DISK
24-02-2025 01:00:13                                                           ARCHIVELOG
COMPLETED                                  .7 .610948145 .216184378 DISK
23-02-2025 13:00:15                                                           DB FULL    COMPLETED
                                4 6.61723381 1.96084666 DISK
22-02-2025 13:00:15                                                           ARCHIVELOG
COMPLETED                                  .9 .888736308 .316074133 DISK
```

Espacio en ASM del contenedor (cdb1adm1)

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

```
==========================================
==========================================
 Group                                                  Total     Free Used
Number NAME          TYPE   STATE        (GB)     (GB)  (%)
------ ------------- ---------- ---------- ------------ ---------------
    1 DG_DATA        EXTERN          CONNECTED          14,336   4,668   67
    2 DG_FRA         EXTERN          CONNECTED          6,144    4,434   28
    3 VOTE           HIGH   MOUNTED              150      74   51
```

Espacio y uso de los Tablespace, mayor al 85% de la base de datos GECOP

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos DBPKI

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

```
==========================================
==========================================
TABLESPACE_NAME                    USED (GB) TOTAL (GB)        USED %
------------------------------- ---------- ---------- ----------
TBLSPACEDATPKI                        370     416        88.88
```


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Espacio y uso de los Tablespace, mayor al 85% de la base de datos HYDRA

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

==========
==========

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
SGD_INDEX	1839	1888	97.39
SGD_DATA	765	800	95.65

Espacio y uso de los Tablespace, mayor al 85% de la base de datos SICOQ

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos FINAN

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos PQRS

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

==========
==========

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
USRPQRS_DATA	276	288	95.81

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Espacio y uso de los Tablespace, mayor al 85% de la base de datos PDB_SVISION

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos DBMUD

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos TITAN

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos TITAN

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos SINAR

ORACLE_SID=cdb1adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1adm1

Session altered.

no rows selected

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Estado del Servidor srvdbo14

Informe del servidor srvdbo14

Información del Servidor

```
Static hostname: srvdbo14
      Icon name: computer-server
        Chassis: server
     Machine ID: bcd6e0c4fa104e8e97ad17d9ca990706
        Boot ID: 11128c33f9f946b7a524400fa9624772
Operating System: Oracle Linux Server 8.8
     CPE OS Name: cpe:/o:oracle:linux:8:8:server
          Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
    Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Tue Feb 25 17:33   still logged in
usrveeam pts/0        172.28.251.99    Tue Feb 25 16:38 - 16:38  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 16:38 - 16:38  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 12:38 - 12:38  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 12:38 - 12:38  (00:00)
usrveeam pts/1        172.28.251.99    Tue Feb 25 08:38 - 08:38  (00:00)
usrveeam pts/1        172.28.251.99    Tue Feb 25 08:38 - 08:38  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 04:38 - 04:38  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 04:38 - 04:38  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 00:37 - 00:37  (00:00)
```

Información del Procesamiento del Servidor

```
top - 17:36:05 up 66 days, 17:37,  1 user,  load average: 28.12, 28.58, 28.81
Tasks: 3056 total,  32 running, 3023 sleeping,   0 stopped,   1 zombie
%Cpu(s): 19.4 us,  0.7 sy,  0.0 ni, 79.5 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014923.+total, 492903.2 free, 451956.5 used,  70063.9 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 547203.5 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
1750550 oracle  20   0  408.1g 125368 109956 R 104.8   0.0   1:15.54 oracle_+
1756140 oracle  20   0  408.1g 145536 117224 R 104.8   0.0   2:25.95 oracle_+
1764213 oracle  20   0  408.1g 115852 101992 R 104.8   0.0   0:18.20 oracle_+
1775819 oracle  20   0  408.1g 112932  97564 R 104.8   0.0   0:02.14 oracle_+
1300556 oracle  20   0  408.1g 181836 128360 R 100.0   0.0   1275:28 ora_p00+
1749831 oracle  20   0  408.2g 168380 112712 R 100.0   0.0   1:50.10 oracle_+
1756168 oracle  20   0  408.1g 143500 114752 R 100.0   0.0   2:29.94 oracle_+
1765062 oracle  20   0  408.2g 229892 113724 R 100.0   0.0   1:36.97 oracle_+
```

El uso promedio del procesamiento del servidor es del 20.50%.

Información del Espacio del Servidor

```
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                496G     0  496G   0% /dev
tmpfs                   496G  8.2G  488G   2% /dev/shm
tmpfs                   496G  1.9G  494G   1% /run
tmpfs                   496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root  50G  7.3G   43G  15% /
/dev/sda2               2.0G  450M  1.6G  23% /boot
```


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```
/dev/mapper/srvdbo-home   50G  400M   50G   1% /home
/dev/mapper/srvdbo-var    20G   13G  7.7G  62% /var
/dev/sda1                2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-u01   500G  282G  219G  57% /u01
/dev/mapper/srvdbo-tmp    20G  197M   20G   1% /tmp
/dev/mapper/mpathp1      9.1T  282G  8.3T   4% /bkp
tmpfs                    100G     0  100G   0% /run/user/54322
tmpfs                    100G     0  100G   0% /run/user/54321
```

Información de utilización de los discos

```
sdo      13.00  81.00   104.00   413.50   0.00   1.00   0.00   1.22   0.54   0.30   0.03   8.00   5.10   1.06  10.00
sdj      72.73  30.07  1623.39   650.62   0.82   1.12   1.11   3.59   0.61   5.65   0.21  22.32  21.64   0.91   9.36
sdn      71.99  29.38  1598.77   637.32   0.82   1.14   1.12   3.75   0.60   5.24   0.20  22.21  21.69   0.91   9.22
sdh      71.18  31.61  1626.62   673.02   0.81   1.14   1.12   3.49   0.61   5.32   0.21  22.85  21.29   0.89   9.20
sdp      73.38  30.06  1633.55   655.16   0.81   1.11   1.09   3.56   0.60   6.04   0.23  22.26  21.80   0.89   9.18
sdo      70.26  29.66  1571.20   637.74   0.81   1.15   1.14   3.74   0.61   5.84   0.22  22.36  21.50   0.91   9.12
sdl      70.54  28.79  1587.12   646.32   0.81   1.11   1.13   3.72   0.61   5.73   0.21  22.50  22.45   0.92   9.09
sdi      16.00  68.00   120.50   418.00   0.00   9.00   0.00  11.69   0.25   0.26   0.02   7.53   6.15   1.07   9.00
sdi      66.13  29.88  1558.20   660.61   0.80   1.12   1.20   3.62   0.64   5.29   0.20  23.56  22.11   0.91   8.76
sdk       0.00  53.00     0.00   189.50   0.00   1.00   0.00   1.85   0.00   0.38   0.02   0.00   3.58   1.30   6.90
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             991         441         481           9          68         534
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     25324      1  0  2024 ?        00:08:06 asm_pmon_+ASM2
oracle   25889      1  0  2024 ?        00:47:00 ora_pmon_cdb1adm2
root   1785151 1784904  0 17:36 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root   1785153 1785151  0 17:36 pts/0    00:00:00 grep pmon
```

1.2.2 Contenedor ADM3

Estado del Servidor srvdbo08

Informe del servidor srvdbo08

Información del Servidor

```
 Static hostname: srvdbo08
       Icon name: computer-server
         Chassis: server
      Machine ID: 8d93607ea3d14a0b9198f4306230ae33
         Boot ID: 79fe4552b6e046c7a028c44bfb49577b
  Operating System: Oracle Linux Server 8.8
       CPE OS Name: cpe:/o:oracle:linux:8:8:server
            Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
      Architecture: x86-64
```

Usuarios que han iniciado sesion en el servidor

```
oracle   pts/3        172.28.3.121     Tue Feb 25 15:15   still logged in
usrveeam pts/3        172.28.251.99    Tue Feb 25 12:39 - 12:39  (00:00)
usrveeam pts/3        172.28.251.99    Tue Feb 25 12:39 - 12:39  (00:00)
oracle   pts/5        172.28.3.27      Tue Feb 25 11:22   still logged in
oracle   pts/3        172.28.3.19      Tue Feb 25 10:14 - 12:20  (02:06)
oracle   pts/2        172.28.3.27      Tue Feb 25 10:03   still logged in
usrveeam pts/2        172.28.251.99    Tue Feb 25 08:39 - 08:39  (00:00)
usrveeam pts/2        172.28.251.99    Tue Feb 25 08:39 - 08:39  (00:00)
usrveeam pts/2        172.28.251.99    Tue Feb 25 04:38 - 04:38  (00:00)
usrveeam pts/2        172.28.251.99    Tue Feb 25 04:38 - 04:38  (00:00)
```


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Información del Procesamiento del Servidor

top - 15:51:55 up 40 days, 4:49, 4 users, load average: 7.41, 7.77, 7.70
Tasks: 3471 total, 8 running, 3459 sleeping, 0 stopped, 4 zombie
%Cpu(s): 4.8 us, 2.0 sy, 0.0 ni, 91.7 id, 0.3 wa, 0.4 hi, 0.7 si, 0.0 st
MiB Mem : 1014539.+total, 487031.2 free, 443976.1 used, 83532.5 buff/cache
MiB Swap: 65536.0 total, 64263.7 free, 1272.2 used. 559072.2 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
2907655	oracle	20	0	255.9g	355944	102288	R	82.8	0.0	0:25.95	oracle_+
2568199	root	20	0	10.7g	357016	10804	S	51.7	0.0	18786:01	ragent
2683179	oracle	20	0	255.7g	128316	113008	R	51.7	0.0	8052:50	oracle_+
1784096	oracle	20	0	255.6g	124920	110084	S	48.3	0.0	0:11.63	oracle_+
2812324	oracle	20	0	255.7g	267100	115760	R	48.3	0.0	9:16.31	ora_j00+
2908401	root	20	0	58216	8200	3672	R	34.5	0.0	0:00.23	top
2908406	oracle	20	0	255.6g	83768	75388	R	31.0	0.0	0:00.09	oracle_+
11881	root	20	0	1235856	10252	6584	S	24.1	0.0	430:58.11	ragentfi+

El uso promedio del procesamiento del servidor es del 8.30%.

Información del Espacio del Servidor

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	496G	0	496G	0%	/dev
tmpfs	496G	5.9G	490G	2%	/dev/shm
tmpfs	496G	1.2G	495G	1%	/run
tmpfs	496G	0	496G	0%	/sys/fs/cgroup
/dev/mapper/srvdbo-root	50G	7.7G	43G	16%	/
/dev/mapper/srvdbo-home	50G	463M	50G	1%	/home
/dev/mapper/srvdbo-tmp	20G	255M	20G	2%	/tmp
/dev/mapper/srvdbo-u01	500G	182G	318G	37%	/u01
/dev/mapper/srvdbo-var	20G	6.7G	14G	34%	/var
tmpfs	100G	0	100G	0%	/run/user/54324
/dev/sda2	2.0G	502M	1.5G	25%	/boot
/dev/sda1	2.0G	5.1M	2.0G	1%	/boot/efi
/dev/asm/export-460	2.0T	137G	1.9T	7%	/exp
tmpfs	100G	0	100G	0%	/run/user/54321

Información de utilización de los discos

sdi	119.00	591.00	7488.00	2843.50	0.00	31.00	0.00	4.98	0.35	0.35	0.25	62.92	4.81	0.71	50.20
sdo	0.00	556.00	0.00	403.50	0.00	31.00	0.00	5.28	0.00	0.42	0.24	0.00	0.73	0.83	46.10
sdk	695.00	14.00	11144.00	816.00	0.00	0.00	0.00	0.00	0.26	0.43	0.19	16.03	58.29	0.45	31.80
sdj	528.00	12.00	5008.00	888.00	0.00	0.00	0.00	0.00	0.29	0.42	0.16	9.48	74.00	0.50	26.80
sdl	47.00	288.00	2000.00	1851.50	0.00	15.00	0.00	4.95	0.53	0.31	0.11	42.55	6.43	0.79	26.50
sdp	0.00	264.00	0.00	188.50	0.00	15.00	0.00	5.38	0.00	0.36	0.09	0.00	0.71	0.81	21.30
sdh	397.95	66.81	31635.64	3299.03	2.02	7.27	0.50	9.82	0.52	7.47	0.71	79.50	49.38	0.41	18.83
sdk	237.00	67.18	15880.97	3308.29	2.04	7.36	0.85	9.88	0.44	7.51	0.61	67.01	49.25	0.60	18.28
sdi	231.48	67.25	15994.04	3329.85	1.98	7.35	0.85	9.86	0.43	8.23	0.65	69.10	49.52	0.60	17.97
sdn	191.00	58.00	2296.00	3584.00	0.00	0.00	0.00	0.00	0.28	0.47	0.08	12.02	61.79	0.71	17.70

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	433	475	5	81	545
Swap:	63	1	62			

Servicios de las Bases de Datos del Servidor

grid 27015 1 0 Jan16 ? 00:05:53 asm_pmon_+ASM1
grid 27364 1 0 Jan16 ? 00:05:30 apx_pmon_+APX1
oracle 27768 1 0 Jan16 ? 00:28:23 ora_pmon_cdb3adm1
root 2908430 2906560 0 15:51 pts/2 00:00:00 /bin/sh -c ps -fea | grep pmon
root 2908432 2908430 0 15:51 pts/2 00:00:00 grep pmon

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Servicio de Listener de los Nodos de BD

Listener LISTENER is enabled
Listener LISTENER is running on node(s): srvdbo18,srvdbo08,srvdbo19,srvdbo09

Estado General del Listener de las BD

LSNRCTL for Linux: Version 21.0.0.0.0 - Production on 25-FEB-2025 15:51:57

Copyright (c) 1991, 2021, Oracle. All rights reserved.

Connecting to (ADDRESS=(PROTOCOL=tcp)(HOST=)(PORT=1521))
STATUS of the LISTENER

Alias LISTENER
Version TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date 16-JAN-2025 11:04:10
Uptime 40 days 4 hr. 47 min. 46 sec
Trace Level off
Security ON: Local OS Authentication
SNMP OFF
Listener Parameter File /u01/app/product/21.0.0/grid/network/admin/listener.ora
Listener Log File /u01/app/grid/diag/tnslsnr/srvdbo08/listener/alert/log.xml
Listening Endpoints Summary...
(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.208)(PORT=1521)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.240)(PORT=1521)))

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcps)(HOST=srvdbo08)(PORT=5501))(Security=(my_wallet_directory=/u01/app/ora
cle/homes/OraDB21Home1/admin/cdb3adm/xdb_wallet))(Presentation=HTTP)(Session=RAW))
Services Summary...
Service "+APX" has 1 instance(s).
Instance "+APX1", status READY, has 1 handler(s) for this service...
Service "+ASM" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_DATA" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_EXP" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_FRA" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_VOTE" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "000bfeed89797337e05365121cace646" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "adtelepol_dblinks" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "cdb3adm" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "cdb3adm_CFG" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "fd9ac20f64d344d7e043b6a9e80a2f2f" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "telepol" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "telepol_dibie" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "telepol_oid" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "telepol_wlnomina" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
Service "telepol_wlsiath" has 1 instance(s).
Instance "cdb3adm1", status READY, has 1 handler(s) for this service...
The command completed successfully

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Estado General del Cluster de las BD

```
--------------------------------------------------------------------------------
Name           Target  State        Server                   State details
--------------------------------------------------------------------------------
Local Resources
--------------------------------------------------------------------------------
ora.DG_EXP.EXPORT.advm
               ONLINE  ONLINE       srvdbo08                 STABLE
               ONLINE  ONLINE       srvdbo09                 STABLE
               ONLINE  ONLINE       srvdbo18                 STABLE
               ONLINE  ONLINE       srvdbo19                 STABLE
ora.LISTENER.lsnr
               ONLINE  ONLINE       srvdbo08                 STABLE
               ONLINE  ONLINE       srvdbo09                 STABLE
               ONLINE  ONLINE       srvdbo18                 STABLE
               ONLINE  ONLINE       srvdbo19                 STABLE
ora.chad
               ONLINE  ONLINE       srvdbo08                 STABLE
               ONLINE  ONLINE       srvdbo09                 STABLE
               ONLINE  OFFLINE      srvdbo18                 STABLE
               ONLINE  ONLINE       srvdbo19                 STABLE
ora.dg_exp.export.acfs
               ONLINE  ONLINE       srvdbo08                 mounted on /exp,STAB
                                                             LE
               ONLINE  ONLINE       srvdbo09                 mounted on /exp,STAB
                                                             LE
               ONLINE  ONLINE       srvdbo18                 mounted on /exp,STAB
                                                             LE
               ONLINE  ONLINE       srvdbo19                 mounted on /exp,STAB
                                                             LE
ora.net1.network
               ONLINE  ONLINE       srvdbo08                 STABLE
               ONLINE  ONLINE       srvdbo09                 STABLE
               ONLINE  ONLINE       srvdbo18                 STABLE
               ONLINE  ONLINE       srvdbo19                 STABLE
ora.ons
               ONLINE  ONLINE       srvdbo08                 STABLE
               ONLINE  ONLINE       srvdbo09                 STABLE
               ONLINE  ONLINE       srvdbo18                 STABLE
               ONLINE  ONLINE       srvdbo19                 STABLE
ora.proxy_advm
               ONLINE  ONLINE       srvdbo08                 STABLE
               ONLINE  ONLINE       srvdbo09                 STABLE
               ONLINE  ONLINE       srvdbo18                 STABLE
               ONLINE  ONLINE       srvdbo19                 STABLE
--------------------------------------------------------------------------------
Cluster Resources
--------------------------------------------------------------------------------
ora.ASMNET1LSNR_ASM.lsnr(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo08                 STABLE
     2         ONLINE  ONLINE       srvdbo19                 STABLE
     3         ONLINE  ONLINE       srvdbo09                 STABLE
     4         ONLINE  ONLINE       srvdbo18                 STABLE
ora.DG_DATA.dg(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo08                 STABLE
     2         ONLINE  ONLINE       srvdbo19                 STABLE
     3         ONLINE  ONLINE       srvdbo09                 STABLE
     4         ONLINE  ONLINE       srvdbo18                 STABLE
ora.DG_EXP.dg(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo08                 STABLE
     2         ONLINE  ONLINE       srvdbo19                 STABLE
     3         ONLINE  ONLINE       srvdbo09                 STABLE
     4         ONLINE  ONLINE       srvdbo18                 STABLE
ora.DG_FRA.dg(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo08                 STABLE
     2         ONLINE  ONLINE       srvdbo19                 STABLE
     3         ONLINE  ONLINE       srvdbo09                 STABLE
```


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```
    4        ONLINE  ONLINE       srvdbo18                 STABLE
ora.LISTENER_SCAN1.lsnr
    1        ONLINE  ONLINE       srvdbo18                 STABLE
ora.LISTENER_SCAN2.lsnr
    1        ONLINE  ONLINE       srvdbo08                 STABLE
ora.LISTENER_SCAN3.lsnr
    1        ONLINE  ONLINE       srvdbo19                 STABLE
ora.MGMTLSNR
    1        ONLINE  ONLINE       srvdbo19                 169.254.8.106 11.10.
                                                           18.220,STABLE
ora.VOTE.dg(ora.asmgroup)
    1        ONLINE  ONLINE       srvdbo08                 STABLE
    2        ONLINE  ONLINE       srvdbo19                 STABLE
    3        ONLINE  ONLINE       srvdbo09                 STABLE
    4        ONLINE  ONLINE       srvdbo18                 STABLE
ora.asm(ora.asmgroup)
    1        ONLINE  ONLINE       srvdbo08                 Started,STABLE
    2        ONLINE  ONLINE       srvdbo19                 Started,STABLE
    3        ONLINE  ONLINE       srvdbo09                 Started,STABLE
    4        ONLINE  ONLINE       srvdbo18                 Started,STABLE
ora.asmnet1.asmnetwork(ora.asmgroup)
    1        ONLINE  ONLINE       srvdbo08                 STABLE
    2        ONLINE  ONLINE       srvdbo19                 STABLE
    3        ONLINE  ONLINE       srvdbo09                 STABLE
    4        ONLINE  ONLINE       srvdbo18                 STABLE
ora.cdb3adm.adtelepol_dblinks.svc
    2        ONLINE  ONLINE       srvdbo08                 STABLE
    3        OFFLINE OFFLINE                               STABLE
    4        ONLINE  ONLINE       srvdbo19                 STABLE
    5        ONLINE  ONLINE       srvdbo18                 STABLE
ora.cdb3adm.db
    1        ONLINE  ONLINE       srvdbo08                 Open,HOME=/u01/app/p
                                                           roduct/21.0.0/dbhome
                                                           _1,STABLE
    2        ONLINE  ONLINE       srvdbo09                 Open,HOME=/u01/app/p
                                                           roduct/21.0.0/dbhome
                                                           _1,STABLE
    3        ONLINE  ONLINE       srvdbo19                 Open,HOME=/u01/app/p
                                                           roduct/21.0.0/dbhome
                                                           _1,STABLE
    4        ONLINE  ONLINE       srvdbo18                 Open,HOME=/u01/app/p
                                                           roduct/21.0.0/dbhome
                                                           _1,STABLE
ora.cdb3adm.telepol.pdb
    2        ONLINE  ONLINE       srvdbo09                 STABLE
    3        ONLINE  ONLINE       srvdbo18                 STABLE
    4        ONLINE  ONLINE       srvdbo19                 STABLE
    5        ONLINE  ONLINE       srvdbo08                 STABLE
ora.cdb3adm.telepol_dibie.svc
    1        ONLINE  ONLINE       srvdbo09                 STABLE
    2        OFFLINE OFFLINE                               STABLE
    4        ONLINE  ONLINE       srvdbo18                 STABLE
    5        ONLINE  ONLINE       srvdbo08                 STABLE
ora.cdb3adm.telepol_oid.svc
    1        ONLINE  ONLINE       srvdbo09                 STABLE
    2        OFFLINE OFFLINE                               STABLE
    4        ONLINE  ONLINE       srvdbo18                 STABLE
    5        ONLINE  ONLINE       srvdbo08                 STABLE
ora.cdb3adm.telepol_wlgeneral.svc
    1        ONLINE  ONLINE       srvdbo19                 STABLE
    2        OFFLINE OFFLINE                               STABLE
    4        ONLINE  ONLINE       srvdbo18                 STABLE
    5        ONLINE  ONLINE       srvdbo09                 STABLE
ora.cdb3adm.telepol_wlnomina.svc
    1        ONLINE  ONLINE       srvdbo09                 STABLE
    3        ONLINE  ONLINE       srvdbo08                 STABLE
    4        OFFLINE OFFLINE                               STABLE
    5        ONLINE  ONLINE       srvdbo18                 STABLE
```


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```
ora.cdb3adm.telepol_wlsiath.svc
      1        ONLINE  ONLINE       srvdbo19                 STABLE
      3        ONLINE  ONLINE       srvdbo08                 STABLE
      4        OFFLINE OFFLINE                          STABLE
      5        ONLINE  ONLINE       srvdbo18                 STABLE
ora.cdb3adm.telepol_wlsuiteve.svc
      1        ONLINE  ONLINE       srvdbo19                 STABLE
      3        ONLINE  ONLINE       srvdbo09                 STABLE
      4        OFFLINE OFFLINE                          STABLE
      5        ONLINE  ONLINE       srvdbo18                 STABLE
ora.cdp1.cdp
      1        ONLINE  ONLINE       srvdbo18                 STABLE
ora.cdp2.cdp
      1        ONLINE  ONLINE       srvdbo08                 STABLE
ora.cdp3.cdp
      1        ONLINE  ONLINE       srvdbo19                 STABLE
ora.cvu
      1        ONLINE  ONLINE       srvdbo08                 STABLE
ora.mgmtdb
      1        ONLINE  ONLINE       srvdbo19                 Open,STABLE
ora.qosmserver
      1        ONLINE  ONLINE       srvdbo08                 STABLE
ora.scan1.vip
      1        ONLINE  ONLINE       srvdbo18                 STABLE
ora.scan2.vip
      1        ONLINE  ONLINE       srvdbo08                 STABLE
ora.scan3.vip
      1        ONLINE  ONLINE       srvdbo19                 STABLE
ora.srvdbo08.vip
      1        ONLINE  ONLINE       srvdbo08                 STABLE
ora.srvdbo09.vip
      1        ONLINE  ONLINE       srvdbo09                 STABLE
ora.srvdbo18.vip
      1        ONLINE  ONLINE       srvdbo18                 STABLE
ora.srvdbo19.vip
      1        ONLINE  ONLINE       srvdbo19                 STABLE
--------------------------------------------------------------------------------
```

Estado de los Agentes del Listener de las BD

CRS-4638: Oracle High Availability Services is online
CRS-4537: Cluster Ready Services is online
CRS-4529: Cluster Synchronization Services is online
CRS-4533: Event Manager is online

Estado del Data Guard de la Base de Datos adm3stby (cdb3adm1)

ORACLE_SID=cdb3adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3adm1
DGMGRL for Linux: Release 21.0.0.0.0 - Production on Tue Feb 25 15:52:01 2025
Version 21.15.0.0.0

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Welcome to DGMGRL, type "help" for information.
DGMGRL> Connected to "cdb3adm"
Connected as SYSDG.
DGMGRL>
Database - adm3stby

```
  Role:              PHYSICAL STANDBY
  Intended State:    APPLY-ON
  Transport Lag:     0 seconds (computed 1 second ago)
  Apply Lag:         0 seconds (computed 1 second ago)
  Average Apply Rate: 13.77 MByte/s
  Real Time Query:   OFF
  Instance(s):
```


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adm3stby1
adm3stby2 (apply instance)

Database Status:
SUCCESS

DGMGRL> DGMGRL> DGMGRL> DGMGRL> DGMGRL>

Estado de los Pluggable Databases (cdb3adm1)

ORACLE_SID=cdb3adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3adm1

CON_ID	CON_NAME	OPEN MODE	RESTRICTED
2	PDB$SEED	READ ONLY	NO
3	TELEPOL	READ WRITE	NO

Respaldo de los últimos 5 días del contenedor (cdb3adm1)

ORACLE_SID=cdb3adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3adm1

START_TIME	INPUT_TYPE	STATUS	TIME_HR	IN_TB	OUT_TB	OUTPUT_DEVICE_TYP
25-02-2025 00:01:29	ARCHIVELOG	FAILED	0	0	0	
25-02-2025 00:01:27	ARCHIVELOG	COMPLETED		1.4	2.65912133	.887067795 DISK
23-02-2025 13:00:22	ARCHIVELOG	COMPLETED		1.4	2.23877221	.746019363 DISK
23-02-2025 13:00:21	ARCHIVELOG	FAILED	0	0	0	
22-02-2025 13:00:22	ARCHIVELOG	COMPLETED		1.4	2.15610391	.716331482 DISK
22-02-2025 13:00:21	ARCHIVELOG	FAILED	0	0	0	
21-02-2025 13:00:21	ARCHIVELOG	COMPLETED		.8	1.49118692	.481337547 DISK
21-02-2025 13:00:19	ARCHIVELOG	FAILED	0	0	0	
20-02-2025 16:00:29	ARCHIVELOG	COMPLETED		1.7	3.08421403	1.02176666 DISK
20-02-2025 16:00:26	ARCHIVELOG	FAILED	0	0	0	

10 rows selected.

Espacio en ASM del contenedor (cdb3adm1)

ORACLE_SID=cdb3adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3adm1

Group Number	NAME	TYPE	STATE	(GB)	Total (GB)	Free (%)	Used (%)
1	DG_DATA	EXTERN	CONNECTED		18,432	4,478	76
2	DG_FRA	EXTERN	CONNECTED		8,192	5,665	31
3	VOTE	HIGH	MOUNTED	150	73	51	
4	DG_EXP	EXTERN	MOUNTED	2,048	48	98	

Espacio y uso de los Tablespace, mayor al 85% del contenedor (cdb3adm1)

ORACLE_SID=cdb3adm1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3adm1

Session altered.

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TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
REHU_MED_TABLE	1441	1500	96.05
LOGIS_PEQ_TABLE	742	786	94.35
REHU_PEQ_TABLE	834	889	93.86
LSI_MED_INDEX	865	926	93.37
REHU_MED_INDEX	33	35	93.07
DATOS_SMALL	703	768	91.48
SYSTEM	380	416	91.4
BIENSOC_PEQ_TABLE	260	288	90.13
DESEMPENO	1090	1216	89.63
INVENTA_PEQ_TABLE	429	485	88.52
PSI_INDEX	165	192	86.04
BIENSOC_PEQ_INDEX	137	160	85.5

12 rows selected.

Estado del Servidor srvdbo09

Informe del servidor srvdbo09

Información del Servidor

Static hostname: srvdbo09
Icon name: computer-server
Chassis: server
Machine ID: 93587d1861c543a1afe32faf672e4187
Boot ID: 4cb81c8ab32d49f4b84fe8d82535df98
Operating System: Oracle Linux Server 8.8
CPE OS Name: cpe:/o:oracle:linux:8:8:server
Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
Architecture: x86-64

Usuarios que han iniciado sesión en el servidor

```
usrveeam pts/1        172.28.251.99   Tue Feb 25 16:39 - 16:39  (00:00)
usrveeam pts/1        172.28.251.99   Tue Feb 25 16:39 - 16:39  (00:00)
oracle   pts/0        172.28.3.27     Tue Feb 25 16:25   still logged in
usrveeam pts/0        172.28.251.99   Tue Feb 25 12:39 - 12:39  (00:00)
usrveeam pts/0        172.28.251.99   Tue Feb 25 12:39 - 12:39  (00:00)
usrveeam pts/0        172.28.251.99   Tue Feb 25 08:39 - 08:39  (00:00)
usrveeam pts/0        172.28.251.99   Tue Feb 25 08:39 - 08:39  (00:00)
usrveeam pts/0        172.28.251.99   Tue Feb 25 04:38 - 04:38  (00:00)
usrveeam pts/0        172.28.251.99   Tue Feb 25 04:38 - 04:38  (00:00)
usrveeam pts/0        172.28.251.99   Tue Feb 25 00:38 - 00:38  (00:00)
```

Información del Procesamiento del Servidor

```
top - 17:04:48 up 31 days, 5 min,  1 user,  load average: 14.03, 13.99, 14.87
Tasks: 3380 total,  11 running, 3365 sleeping,   0 stopped,   4 zombie
%Cpu(s):  6.7 us,  2.0 sy,  0.0 ni, 89.8 id,  0.4 wa,  0.4 hi,  0.8 si,  0.0 st
MiB Mem : 1014539.+total,  15583.8 free,  437427.1 used,  561528.8 buff/cache
MiB Swap:  65536.0 total,  59066.0 free,   6470.0 used.  564623.6 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
3685444 root      20   0  10.7g 669912   2096 S 146.2   0.1  14091:51 ragent
2805665 oracle    20   0  257.6g 109340  98560 R  96.2   0.0   0:10.39 oracle_+
2786107 oracle    20   0  257.6g 130312 116844 R  92.3   0.0   5:25.28 oracle_+
2808163 oracle    20   0  257.6g 110640  99100 S  69.2   0.0   0:03.77 oracle_+
2801137 oracle    20   0  257.6g 113272 100568 S  57.7   0.0   0:01.73 oracle_+
2375737 oracle    20   0  257.6g 123112 109092 S  53.8   0.0   6:58.28 oracle_+
2805660 oracle    20   0  257.6g 112004 100108 R  50.0   0.0   0:07.47 oracle_+
2819437 oracle    20   0  257.6g 101356  91268 S  50.0   0.0   0:00.13 oracle_+
```

El uso promedio del procesamiento del servidor es del 10.20%.

Información del Espacio del Servidor

```
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        496G     0  496G   0% /dev
tmpfs           496G  7.9G  488G   2% /dev/shm
tmpfs           496G  1.5G  494G   1% /run
tmpfs           496G     0  496G   0% /sys/fs/cgroup
```


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```
/dev/mapper/srvdbo-root   50G  7.2G   43G  15% /
/dev/mapper/srvdbo-home   50G  401M   50G   1% /home
/dev/sda4                2.0G  465M  1.6G  23% /boot
/dev/mapper/srvdbo-tmp    20G  177M   20G   1% /tmp
/dev/sda3                2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-u01   500G  161G  340G  33% /u01
/dev/mapper/srvdbo-var    20G  2.1G   18G  11% /var
tmpfs                    100G     0  100G   0% /run/user/54324
/dev/asm/export-460      2.0T  137G  1.9T   7% /exp
/dev/mapper/mpathht       15T  9.2T  5.1T  65% /bkp
tmpfs                    100G     0  100G   0% /run/user/54321
```

Información de utilización de los discos

```
sdh      1562.00   0.00 32784.00   0.00   41.00   0.00  2.56  0.00   0.40   0.00   0.62  20.99   0.00  0.27  42.00
sdu      1393.00  38.00 18088.00  81.00   26.00   0.00  1.83  0.00   0.41   0.37   0.59  12.98   2.13  0.29  41.00
sdj      1127.00   0.00 15600.00   0.00   27.00   0.00  2.34  0.00   0.42   0.00   0.47  13.84   0.00  0.29  32.50
sdk      1024.00   0.00 18912.00   0.00   21.00   0.00  2.01  0.00   0.38   0.00   0.38  18.47   0.00  0.31  31.80
sdi       756.00   0.00 15088.00   0.00   23.00   0.00  2.95  0.00   0.46   0.00   0.35  19.96   0.00  0.40  30.20
sdt      1113.00   0.00 14496.00   0.00   41.00   0.00  3.55  0.00   0.37   0.00   0.41  13.02   0.00  0.25  27.40
sdl       491.00   0.00 19040.00   0.00   24.00   0.00  4.66  0.00   0.60   0.00   0.30  38.78   0.00  0.52  25.40
sdn       689.00   0.00 15624.00   0.00   36.00   0.00  4.97  0.00   0.49   0.00   0.34  22.68   0.00  0.36  25.10
sdm       859.00   0.00 12624.00   0.00   30.00   0.00  3.37  0.00   0.38   0.00   0.32  14.70   0.00  0.28  24.20
sdk       379.23  32.26 13081.30 1040.39    2.77   1.74  0.73  5.12   0.36   3.07   0.23  34.49  32.25  0.42  17.40
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         427          15           6         548         551
Swap:             63           6          57
```

Servicios de las Bases de Datos del Servidor

```
grid     34456     1  0 Jan25 ?        00:04:37 asm_pmon_+ASM2
grid     34758     1  0 Jan25 ?        00:04:18 apx_pmon_+APX2
oracle   35735     1  0 Jan25 ?        00:31:56 ora_pmon_cdb3adm2
root   2819469 2819354  0 17:04 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root   2819471 2819469  0 17:04 pts/0    00:00:00 grep pmon
```

Estado del Servidor srvdbo18

Informe del servidor srvdbo18

Información del Servidor

```
   Static hostname: srvdbo18
         Icon name: computer-server
           Chassis: server
        Machine ID: fd89aaf1c0c249509bcdf87ac307ccf1
           Boot ID: fcde49b758ec4b4fa86f6c6c597a51cf
  Operating System: Oracle Linux Server 8.7
       CPE OS Name: cpe:/o:oracle:linux:8:7:server
            Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
      Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Tue Feb 25 17:22   still logged in
oracle   pts/0        172.28.3.27      Mon Feb 10 15:38 - 15:38  (00:00)
vfuentes pts/0        172.28.3.194     Sat Feb  8 15:27 - 15:32  (00:05)
vfuentes pts/0        172.28.3.194     Thu Feb  6 12:04 - 12:04  (00:00)
oracle   pts/0        172.28.3.27      Mon Jan 27 14:10 - 17:41 (8+03:30)
vfuentes pts/0        172.28.3.194     Thu Jan 16 09:53 - 10:13  (00:20)
oracle   pts/0        172.28.3.27      Thu Dec 26 08:46 - 19:46  (11:00)
vfuentes pts/0        172.28.3.194     Tue Dec 24 00:50 - 00:50  (00:00)
oracle   pts/0        172.28.18.209    Fri Dec 20 19:20 - 19:21  (00:00)
cajimene pts/0        172.28.3.19      Tue Dec 17 14:34 - 16:26  (01:51)
```


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Información del Procesamiento del Servidor

top - 17:24:56 up 160 days, 2:46, 1 user, load average: 9.38, 10.39, 11.34
Tasks: 3796 total, 9 running, 3783 sleeping, 0 stopped, 4 zombie
%Cpu(s): 6.3 us, 1.6 sy, 0.0 ni, 91.4 id, 0.0 wa, 0.3 hi, 0.5 si, 0.0 st
MiB Mem : 1014539.+total, 160182.0 free, 448219.5 used, 406138.2 buff/cache
MiB Swap: 65536.0 total, 65536.0 free, 0.0 used. 546567.5 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
3726207	oracle	20	0	259.6g	192848	128532	R	95.8	0.0	332:32.23	ora_j00+
384503	oracle	20	0	259.6g	130220	114960	R	91.7	0.0	1:25.60	oracle_+
495864	oracle	20	0	259.6g	124644	111788	R	91.7	0.0	0:01.37	oracle_+
495885	oracle	20	0	259.6g	122308	107288	R	91.7	0.0	0:08.88	oracle_+
497325	oracle	20	0	259.7g	223304	98112	R	91.7	0.0	0:00.60	oracle_+
4002939	oracle	20	0	259.5g	153796	122440	R	91.7	0.0	223:24.72	ora_j00+
1069306	root	20	0	10.7g	846972	10828	S	58.3	0.1	54795:08	ragent
480492	oracle	20	0	259.6g	136160	119600	R	41.7	0.0	0:18.48	oracle_+

El uso promedio del procesamiento del servidor es del 8.60%.

Información del Espacio del Servidor

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	496G	0	496G	0%	/dev
tmpfs	496G	9.9G	486G	2%	/dev/shm
tmpfs	496G	4.0G	492G	1%	/run
tmpfs	496G	0	496G	0%	/sys/fs/cgroup
/dev/mapper/srvdbo-root	50G	7.0G	43G	15%	/
/dev/mapper/srvdbo-tmp	20G	195M	20G	1%	/tmp
/dev/mapper/srvdbo-var	20G	2.3G	18G	12%	/var
/dev/sda2	2.0G	478M	1.6G	24%	/boot
/dev/mapper/srvdbo-home	50G	392M	50G	1%	/home
/dev/sda1	2.0G	5.1M	2.0G	1%	/boot/efi
/dev/mapper/srvdbo-u01	500G	500G	70M	100%	/u01
/dev/asm/export-460	2.0T	137G	1.9T	7%	/exp
tmpfs	100G	0	100G	0%	/run/user/54321

La partición '/u01' tiene un uso del 100%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

```
[oracle@srvdbo18 cdb3adm3]$ df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  9.9G  486G   2% /dev/shm
tmpfs                     496G  4.0G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  7.1G   43G  15% /
/dev/mapper/srvdbo-tmp     20G  182M   20G   1% /tmp
/dev/mapper/srvdbo-var     20G  2.3G   18G  12% /var
/dev/sda2                 2.0G  478M  1.6G  24% /boot
/dev/mapper/srvdbo-home    50G  392M   50G   1% /home
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-u01    500G  239G  262G  48% /u01
/dev/asm/export-460       2.0T  137G  1.9T   7% /exp
tmpfs                     100G     0  100G   0% /run/user/54321
[oracle@srvdbo18 cdb3adm3]$
```

Se realiza la recuperación del espacio

Información de utilización de los discos

sdg	1773.00	338.00	24680.00	14112.50	0.00	1.00	0.00	0.29	0.24	0.40	0.55	13.92	41.75	0.35	74.00
sdj	1734.00	120.00	21848.00	11744.00	1.00	0.00	0.06	0.00	0.18	0.39	0.37	12.60	97.87	0.36	67.00
sdei	1189.00	166.00	10288.00	15760.00	1.00	0.00	0.08	0.00	0.25	0.37	0.36	8.65	94.94	0.48	65.10
sdeh	1051.00	148.00	8976.00	14336.00	2.00	0.00	0.19	0.00	0.25	0.41	0.32	8.54	96.86	0.52	62.20
sdm	1142.00	118.00	9816.00	11128.00	1.00	0.00	0.09	0.00	0.25	0.39	0.34	8.60	94.31	0.49	62.00
sdh	805.00	162.00	11024.00	16136.00	1.00	0.00	0.12	0.00	0.29	0.38	0.29	13.69	99.60	0.64	61.90
sdi	754.00	137.00	6744.50	13104.00	1.00	0.00	0.13	0.00	0.29	0.42	0.28	8.94	95.65	0.68	60.90
sdk	786.00	113.00	7992.00	10760.00	0.00	0.00	0.00	0.00	0.31	0.37	0.28	10.17	95.22	0.65	58.60
sdl	1012.00	21.00	8696.00	1632.00	4.00	0.00	0.39	0.00	0.26	0.43	0.27	8.59	77.71	0.50	51.90
sdo	0.00	201.00	0.00	520.50	0.00	1.00	0.00	0.50	0.00	0.41	0.08	0.00	2.59	1.23	24.80

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Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	437	156	13	396	533
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

```
grid     24166     1  0  2024 ?        00:23:05 asm_pmon_+ASM3
grid     24509     1  0  2024 ?        00:22:41 apx_pmon_+APX3
oracle   25217     1  0  2024 ?        02:29:27 ora_pmon_cdb3adm3
root     498552  496854  0 17:24 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root     498555  498552  0 17:24 pts/0    00:00:00 grep pmon
```

Estado del Servidor srvdbo19

Informe del servidor srvdbo19

Información del Servidor

```
  Static hostname: srvdbo19
        Icon name: computer-server
          Chassis: server
       Machine ID: dbc1817955e74de8aa633d2b06312d74
          Boot ID: d1eb3a06d85c4f0aa18edc0f4336b667
Operating System: Oracle Linux Server 8.7
     CPE OS Name: cpe:/o:oracle:linux:8:7:server
          Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
    Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Tue Feb 25 17:27   still logged in
oracle   pts/0        172.28.3.27      Mon Feb 17 14:08 - 16:11  (02:03)
vfuentes pts/0        172.28.3.194     Sat Feb  8 15:27 - 15:32  (00:05)
vfuentes pts/0        172.28.3.194     Thu Feb  6 12:04 - 12:04  (00:00)
oracle   pts/1        172.28.3.27      Tue Jan 28 15:22 - 15:22  (00:00)
oracle   pts/0        172.28.3.27      Mon Jan 27 14:10 - 17:41 (8+03:30)
vfuentes pts/0        172.28.3.194     Fri Dec 27 03:39 - 03:39  (00:00)
oracle   pts/0        172.28.3.27      Thu Dec 26 08:46 - 19:46  (11:00)
vfuentes pts/1        172.28.3.194     Sat Dec 21 01:40 - 06:12  (04:31)
oracle   pts/1        172.28.18.218    Fri Dec 20 19:20 - 19:21  (00:00)
```

Información del Procesamiento del Servidor

```
top - 17:28:25 up 110 days,  8:47,  1 user,  load average: 95.73, 95.67, 95.66
Tasks: 3984 total,  10 running, 3970 sleeping,   0 stopped,   4 zombie
%Cpu(s):  5.9 us,  1.5 sy,  0.0 ni, 56.9 id, 34.4 wa,  0.4 hi,  0.9 si,  0.0 st
MiB Mem : 1014539.+total, 168756.8 free, 453623.9 used, 392159.0 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 540909.0 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
2611915 oracle   20   0  259.5g 133636 115848 R  96.4   0.0 226:52.15 ora_j00+
3287290 oracle   20   0  259.5g 141532 111812 R  96.4   0.0  28:26.94 ora_j00+
3375512 oracle   20   0  259.6g 213348 119088 R  96.4   0.0  19:07.96 ora_j00+
1712891 root     20   0   10.7g 725044  10648 S  92.9   0.1  36834:07 ragent
3451427 oracle   20   0  259.9g 351948  98760 R  85.7   0.0   0:18.79 oracle_+
3161622 oracle   20   0  259.6g 124504 110464 S  71.4   0.0   0:02.24 oracle_+
3451472 oracle   20   0  259.6g 133048  97760 S  60.7   0.0   0:11.14 oracle_+
3437917 oracle   20   0  259.6g 121332 104292 R  46.4   0.0   0:57.17 oracle_+
```

El uso promedio del procesamiento del servidor es del 43.10%.

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Información del Espacio del Servidor

```
Filesystem            Size  Used Avail Use% Mounted on
devtmpfs              496G     0  496G   0% /dev
tmpfs                 496G   11G  486G   3% /dev/shm
tmpfs                 496G  4.0G  492G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  7.3G   43G  15% /
/dev/sda2             2.0G  477M  1.6G  24% /boot
/dev/mapper/srvdbo-tmp    20G  188M   20G   1% /tmp
/dev/mapper/srvdbo-home   50G  430M   50G   1% /home
/dev/sda1             2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-var    20G  3.3G   17G  17% /var
/dev/mapper/srvdbo-u01   500G  483G   18G  97% /u01
tmpfs                 100G     0  100G   0% /run/user/54324
/dev/asm/export-460   2.0T  137G  1.9T   7% /exp
tmpfs                 100G     0  100G   0% /run/user/54321
tmpfs                 100G     0  100G   0% /run/user/54322
```

La partición '/u01' tiene un uso del 97%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

```
[root@srvdbo19 /]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G   11G  486G   3% /dev/shm
tmpfs                     496G  4.1G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  7.3G   43G  15% /
/dev/sda2                 2.0G  477M  1.6G  24% /boot
/dev/mapper/srvdbo-tmp     20G  177M   20G   1% /tmp
/dev/mapper/srvdbo-home    50G  430M   50G   1% /home
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-var     20G  3.4G   17G  17% /var
/dev/mapper/srvdbo-u01    500G  256G  244G  52% /u01
tmpfs                     100G     0  100G   0% /run/user/54324
/dev/asm/export-460       2.0T  137G  1.9T   7% /exp
tmpfs                     100G     0  100G   0% /run/user/54321
[root@srvdbo19 /]#
```

Se realiza la recuperación del espacio

Información de utilización de los discos

```
sdp       0.00 192.00    0.00  594.00    0.00   11.00   0.00   5.42    0.00   0.48   0.09   0.00    3.09   1.21  23.20
sdk       4.00 193.00   32.00  598.00    0.00   11.00   0.00   5.39    0.25   0.40   0.08   8.00    3.10   1.16  22.80
sdg     200.30  19.40 10547.67 1078.99    1.29    0.99   0.64   4.87    0.42   4.93   0.18  52.66   55.62   0.54  11.80
sdj     181.15  19.35  7719.44 1081.76    1.30    0.99   0.71   4.88    0.39   4.95   0.17  42.61   55.92   0.57  11.41
sdh     100.46  18.81  6668.29 1079.41    1.27    0.98   1.25   4.94    0.50   5.88   0.16  66.37   57.37   0.82   9.80
sdk      83.28  19.74  4836.23 1080.88    1.28    1.01   1.52   4.88    0.49   4.88   0.14  58.07   54.76   0.73   7.51
sdej    194.00   0.00  1552.00    0.00    0.00    0.00   0.00   0.00    0.39   0.00   0.08   8.00    0.00   0.36   6.90
sdi      70.78  19.36  4404.24 1085.11    1.31    0.99   1.82   4.88    0.53   5.12   0.14  62.23   56.04   0.74   6.70
sdeh    177.00   0.00  1416.00    0.00    0.00    0.00   0.00   0.00    0.32   0.00   0.06   8.00    0.00   0.38   6.70
sdl      68.26  18.81  4378.02 1078.69    1.28    0.98   1.85   4.93    0.55   5.51   0.14  64.14   57.34   0.75   6.50
```

Información de la Memoria RAM del Servidor

```
              total        used        free      shared  buff/cache   available
Mem:            990         443         164          14         382         527
Swap:            63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     29008     1  0 2024 ?        00:15:51 asm_pmon_+ASM4
grid     29754     1  0 2024 ?        00:15:30 apx_pmon_+APX4
oracle   30116     1  0 2024 ?        01:31:38 ora_pmon_cdb3adm4
root   3454527 3453990  0 17:28 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root   3454529 3454527  0 17:28 pts/0    00:00:00 grep pmon
grid   3578803     1  0 Jan16 ?        00:06:18 ora_pmon_-MGMTDB
```


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1.2.3 Contenedor OPE1

Estado del Servidor srvdbo01

Informe del servidor srvdbo01

Información del Servidor

```
Static hostname: srvdbo01
      Icon name: computer-server
        Chassis: server
     Machine ID: fbdbcb91c90045ef8896e54e9da897b3
        Boot ID: c7288a77870a4a0db0f15e53c542209f
Operating System: Oracle Linux Server 8.7
     CPE OS Name: cpe:/o:oracle:linux:8:7:server
          Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
    Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/7        172.28.3.27      Wed Feb 26 09:05 - 09:18  (00:13)
oracle   pts/6        172.28.3.27      Wed Feb 26 08:56   still logged in
oracle   pts/6        172.28.3.27      Wed Feb 26 08:53 - 08:55  (00:02)
usrveeam pts/6        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/6        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/7        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/7        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/7        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/7        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/7        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
```

Información del Procesamiento del Servidor

```
top - 11:57:00 up 111 days, 30 min,  5 users,  load average: 10.55, 11.59, 12.43
Tasks: 5666 total,   7 running, 5655 sleeping,   0 stopped,   4 zombie
%Cpu(s):  3.8 us,  0.7 sy,  0.0 ni, 94.9 id,  0.2 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014539.+total,  10908.4 free, 464885.7 used, 538745.6 buff/cache
MiB Swap:  65536.0 total,  63986.0 free,   1550.0 used. 530295.5 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
1281892 oracle    20   0  272.6g 186800 128380 R  96.0   0.0 375:48.47 ora_p00+
3485565 oracle    20   0  272.6g 172496 125724 R  96.0   0.0 247:16.95 ora_p00+
3497359 oracle    20   0  272.6g 170216 121892 R  96.0   0.0 358:56.64 ora_p00+
 311550 oracle    20   0  272.6g 134620 114560 R  40.0   0.0   0:07.17 oracle_+
  51516 oracle    20   0  270.7g 302920 143200 S  36.0   0.0 12707:26 ora_ppa+
 144541 oracle    20   0  272.6g 128648 113552 R  32.0   0.0   3:43.29 oracle_+
 322714 root      20   0   71880  11068   4244 R  32.0   0.0   0:00.13 top
1279117 oracle    20   0  272.6g 176924 137452 R  32.0   0.0   1904:31 ora_p00+
```

El uso promedio del procesamiento del servidor es del 5.10%.

Información del Espacio del Servidor

```
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G   11G  485G   3% /dev/shm
tmpfs                     496G  4.0G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  8.8G   42G  18% /
/dev/mapper/srvdbo-tmp     20G  190M   20G   1% /tmp
/dev/sda2                 2.0G  527M  1.5G  26% /boot
/dev/mapper/srvdbo-home    50G  1.1G   49G   3% /home
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-u01    500G  420G   81G  84% /u01
/dev/mapper/srvdbo-var     20G   11G   10G  51% /var
/dev/mapper/mpathay1       15T  6.3T  7.6T  46% /bkp
tmpfs                     100G     0  100G   0% /run/user/54324
/dev/asm/export-306       9.1T   40G  9.1T   1% /export
```


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tmpfs 100G 0 100G 0% /run/user/54327
tmpfs 100G 0 100G 0% /run/user/54321

La partición '/u01' tiene un uso del 84%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

```
[root@srvdbo01 alert]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G   11G  485G   3% /dev/shm
tmpfs                     496G  4.0G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  8.8G   42G  18% /
/dev/mapper/srvdbo-tmp     20G  179M   20G   1% /tmp
/dev/sda2                 2.0G  527M  1.5G  26% /boot
/dev/mapper/srvdbo-home    50G  1.1G   49G   3% /home
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-u01    500G  382G  119G  77% /u01
/dev/mapper/srvdbo-var     20G   10G   11G  50% /var
/dev/mapper/mpathay1       15T  6.3T  7.6T  46% /bkp
tmpfs                     100G     0  100G   0% /run/user/54324
/dev/asm/export-306       9.1T   40G  9.1T   1% /export
tmpfs                     100G     0  100G   0% /run/user/54327
tmpfs                     100G     0  100G   0% /run/user/54321
```

Se realiza la recuperación del espacio

Información de utilización de los discos

dm-108	298.00	15.00	2392.00	113.50	1.00	0.00	0.33	0.00	0.37	0.47	0.12	8.03	7.57	0.62	19.50
dm-110	299.00	15.00	2392.00	113.50	0.00	0.00	0.00	0.00	0.33	0.40	0.10	8.00	7.57	0.62	19.40
sdax	290.00	1.00	2320.00	8.00	0.00	0.00	0.00	0.00	0.39	0.00	0.11	8.00	8.00	0.60	17.60
dm-107	267.00	0.00	2136.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.09	8.00	0.00	0.61	16.30
dm-109	267.00	0.00	2136.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.09	8.00	0.00	0.61	16.20
sdan	271.00	1.00	2168.00	128.00	0.00	0.00	0.00	0.00	0.33	1.00	0.09	8.00	128.00	0.58	15.70
sdaq	263.00	2.00	2104.00	16.00	0.00	0.00	0.00	0.00	0.35	0.50	0.09	8.00	8.00	0.57	15.20
sdao	268.00	3.00	2144.00	24.00	0.00	0.00	0.00	0.00	0.39	0.33	0.11	8.00	8.00	0.56	15.20
sdak	266.00	1.00	2128.00	8.00	0.00	0.00	0.00	0.00	0.34	0.00	0.09	8.00	8.00	0.57	15.10
sdal	268.00	1.00	2144.00	8.00	0.00	0.00	0.00	0.00	0.40	1.00	0.11	8.00	8.00	0.56	15.00

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	454	10	13	526	517
Swap:	63	1	62			

Servicios de las Bases de Datos del Servidor

```
grid     46287     1  0  2024 ?       00:14:48 asm_pmon_+ASM1
grid     48018     1  0  2024 ?       00:13:51 apx_pmon_+APX1
oracle   48642     1  0  2024 ?       03:27:02 ora_pmon_cdb1ope1
root     322750  322734  0 11:57 ?       00:00:00 sh -c /bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p
$(/bin/pgrep -f pmon) | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ohasd.bin') | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ocssd.bin') | grep -v no-headers;
root     322751  322750  0 11:57 ?       00:00:00 sh -c /bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p
$(/bin/pgrep -f pmon) | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ohasd.bin') | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ocssd.bin') | grep -v no-headers;
root     322753  322751  0 11:57 ?       00:00:00 sh -c /bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p
$(/bin/pgrep -f pmon) | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ohasd.bin') | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ocssd.bin') | grep -v no-headers;
root     322754  322753  0 11:57 ?       00:00:00 /bin/pgrep -f pmon
root     322756  322633  0 11:57 pts/6   00:00:00 /bin/sh -c ps -fea | grep pmon
root     322758  322756  0 11:57 pts/6   00:00:00 grep pmon
```


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Servicio de Listener de los Nodos de BD

Listener LISTENER is enabled
Listener LISTENER is running on node(s): srvdbo10,srvdbo01,srvdbo02,srvdbo16

Estado General del Listener de las BD

LSNRCTL for Linux: Version 21.0.0.0.0 - Production on 26-FEB-2025 11:57:02

Copyright (c) 1991, 2021, Oracle. All rights reserved.

Connecting to (ADDRESS=(PROTOCOL=tcp)(HOST=)(PORT=1521))
STATUS of the LISTENER

Alias LISTENER
Version TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date 07-NOV-2024 11:31:09
Uptime 111 days 0 hr. 25 min. 52 sec
Trace Level off
Security ON: Local OS Authentication
SNMP OFF
Listener Parameter File /u01/app/product/21.0.0/grid/network/admin/listener.ora
Listener Log File /u01/app/grid/diag/tnslsnr/srvdbo01/listener/alert/log.xml
Listening Endpoints Summary...
(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.196)(PORT=1521)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.224)(PORT=1521)))
Services Summary...
Service "+APX" has 1 instance(s).
Instance "+APX1", status READY, has 1 handler(s) for this service...
Service "+ASM" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DATA" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_DATA" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_EXP_IMP" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_FRA" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_RECO" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_VOTE" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "0e4cda540323709ee063c4121cac30f5" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "61cf77123eb4a763e05399121cacb102" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "61d6809a3bcc8327e05399121cac7557" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "SIVICC" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "SIVICC_DBLINKS" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "SIVICC_MNVCC" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "SIVICC_SUNAMI" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "SIVICC_UNIDAD" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "cdb1ope" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "cdb1ope_CFG" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "dboper" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "disec" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "fd9ac20f64d344d7e043b6a9e80a2f2f" has 1 instance(s).

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Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "psivicc" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
Service "secad2sivicc" has 1 instance(s).
Instance "cdb1ope1", status READY, has 1 handler(s) for this service...
The command completed successfully

Estado General del Cluster de las BD

Name	Target	State	Server	State details
Local Resources				
ora.DG_EXP_IMP.EXPORT.advm				
	ONLINE	ONLINE	srvdbo01	STABLE
	ONLINE	ONLINE	srvdbo02	STABLE
	ONLINE	ONLINE	srvdbo10	STABLE
	ONLINE	ONLINE	srvdbo16	STABLE
ora.LISTENER.lsnr				
	ONLINE	ONLINE	srvdbo01	STABLE
	ONLINE	ONLINE	srvdbo02	STABLE
	ONLINE	ONLINE	srvdbo10	STABLE
	ONLINE	ONLINE	srvdbo16	STABLE
ora.chad				
	ONLINE	ONLINE	srvdbo01	STABLE
	ONLINE	ONLINE	srvdbo02	STABLE
	ONLINE	ONLINE	srvdbo10	STABLE
	ONLINE	ONLINE	srvdbo16	STABLE
ora.dg_exp_imp.export.acfs				
	ONLINE	ONLINE	srvdbo01	mounted on /export,S TABLE
	ONLINE	ONLINE	srvdbo02	mounted on /export,S TABLE
	ONLINE	ONLINE	srvdbo10	mounted on /export,S TABLE
	ONLINE	ONLINE	srvdbo16	mounted on /export,S TABLE
ora.net1.network				
	ONLINE	ONLINE	srvdbo01	STABLE
	ONLINE	ONLINE	srvdbo02	STABLE
	ONLINE	ONLINE	srvdbo10	STABLE
	ONLINE	ONLINE	srvdbo16	STABLE
ora.ons				
	ONLINE	ONLINE	srvdbo01	STABLE
	ONLINE	ONLINE	srvdbo02	STABLE
	ONLINE	ONLINE	srvdbo10	STABLE
	ONLINE	ONLINE	srvdbo16	STABLE
ora.proxy_advm				
	ONLINE	ONLINE	srvdbo01	STABLE
	ONLINE	ONLINE	srvdbo02	STABLE
	ONLINE	ONLINE	srvdbo10	STABLE
	ONLINE	ONLINE	srvdbo16	STABLE
Cluster Resources				
ora.ASMNET1LSNR_ASM.lsnr(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo01	STABLE
2	ONLINE	ONLINE	srvdbo02	STABLE
3	ONLINE	ONLINE	srvdbo10	STABLE
4	ONLINE	ONLINE	srvdbo16	STABLE
ora.DATA.dg(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo01	STABLE
2	ONLINE	ONLINE	srvdbo02	STABLE
3	ONLINE	ONLINE	srvdbo10	STABLE
4	ONLINE	ONLINE	srvdbo16	STABLE
ora.DG_DATA.dg(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo01	STABLE
2	ONLINE	ONLINE	srvdbo02	STABLE

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```
     3        ONLINE  ONLINE       srvdbo10                 STABLE
     4        ONLINE  ONLINE       srvdbo16                 STABLE
ora.DG_EXP_IMP.dg(ora.asmgroup)
     1        ONLINE  ONLINE       srvdbo01                 STABLE
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     3        ONLINE  ONLINE       srvdbo10                 STABLE
     4        ONLINE  ONLINE       srvdbo16                 STABLE
ora.DG_FRA.dg(ora.asmgroup)
     1        ONLINE  ONLINE       srvdbo01                 STABLE
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     3        ONLINE  ONLINE       srvdbo10                 STABLE
     4        ONLINE  ONLINE       srvdbo16                 STABLE
ora.LISTENER_SCAN1.lsnr
     1        ONLINE  ONLINE       srvdbo16                 STABLE
ora.LISTENER_SCAN2.lsnr
     1        ONLINE  ONLINE       srvdbo01                 STABLE
ora.LISTENER_SCAN3.lsnr
     1        ONLINE  ONLINE       srvdbo02                 STABLE
ora.MGMTLSNR
     1        ONLINE  ONLINE       srvdbo16                 169.254.13.205 11.10
                                                            .18.216,STABLE
ora.RECO.dg(ora.asmgroup)
     1        ONLINE  ONLINE       srvdbo01                 STABLE
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     3        ONLINE  ONLINE       srvdbo10                 STABLE
     4        ONLINE  ONLINE       srvdbo16                 STABLE
ora.VOTE.dg(ora.asmgroup)
     1        ONLINE  ONLINE       srvdbo01                 STABLE
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     3        ONLINE  ONLINE       srvdbo10                 STABLE
     4        ONLINE  ONLINE       srvdbo16                 STABLE
ora.asm(ora.asmgroup)
     1        ONLINE  ONLINE       srvdbo01                 Started,STABLE
     2        ONLINE  ONLINE       srvdbo02                 Started,STABLE
     3        ONLINE  ONLINE       srvdbo10                 Started,STABLE
     4        ONLINE  ONLINE       srvdbo16                 Started,STABLE
ora.asmnet1.asmnetwork(ora.asmgroup)
     1        ONLINE  ONLINE       srvdbo01                 STABLE
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     3        ONLINE  ONLINE       srvdbo10                 STABLE
     4        ONLINE  ONLINE       srvdbo16                 STABLE
ora.cdb1ope.db
     1        ONLINE  ONLINE       srvdbo01                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
     2        ONLINE  ONLINE       srvdbo02                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
     3        ONLINE  ONLINE       srvdbo16                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
     4        ONLINE  ONLINE       srvdbo10                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
ora.cdb1ope.dboper.pdb
     1        ONLINE  ONLINE       srvdbo16                 STABLE
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     4        ONLINE  ONLINE       srvdbo10                 STABLE
     5        ONLINE  ONLINE       srvdbo01                 STABLE
ora.cdb1ope.disec.pdb
     1        ONLINE  ONLINE       srvdbo01                 STABLE
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     3        ONLINE  ONLINE       srvdbo10                 STABLE
     4        ONLINE  ONLINE       srvdbo16                 STABLE
ora.cdb1ope.psivicc.pdb
     2        ONLINE  ONLINE       srvdbo02                 STABLE
     3        ONLINE  ONLINE       srvdbo01                 STABLE
     4        ONLINE  ONLINE       srvdbo10                 STABLE
```


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```
    5        ONLINE  ONLINE       srvdbo16                 STABLE
ora.cdb1ope.secad2sivicc.svc
    2        ONLINE  ONLINE       srvdbo01                 STABLE
    4        ONLINE  ONLINE       srvdbo16                 STABLE
    5        ONLINE  ONLINE       srvdbo10                 STABLE
    6        ONLINE  ONLINE       srvdbo02                 STABLE
ora.cdb1ope.sivicc.svc
    3        ONLINE  ONLINE       srvdbo01                 STABLE
    4        ONLINE  ONLINE       srvdbo16                 STABLE
    5        ONLINE  ONLINE       srvdbo10                 STABLE
    6        ONLINE  ONLINE       srvdbo02                 STABLE
ora.cdb1ope.sivicc_dblinks.svc
    3        ONLINE  ONLINE       srvdbo01                 STABLE
    4        ONLINE  ONLINE       srvdbo16                 STABLE
    5        ONLINE  ONLINE       srvdbo10                 STABLE
    6        ONLINE  ONLINE       srvdbo02                 STABLE
ora.cdb1ope.sivicc_mnvcc.svc
    3        ONLINE  ONLINE       srvdbo01                 STABLE
    4        ONLINE  ONLINE       srvdbo16                 STABLE
    5        ONLINE  ONLINE       srvdbo10                 STABLE
    6        ONLINE  ONLINE       srvdbo02                 STABLE
ora.cdb1ope.sivicc_sunami.svc
    3        ONLINE  ONLINE       srvdbo01                 STABLE
    4        ONLINE  ONLINE       srvdbo16                 STABLE
    5        ONLINE  ONLINE       srvdbo10                 STABLE
    6        ONLINE  ONLINE       srvdbo02                 STABLE
ora.cdb1ope.sivicc_unidad.svc
    3        ONLINE  ONLINE       srvdbo01                 STABLE
    4        ONLINE  ONLINE       srvdbo16                 STABLE
    5        ONLINE  ONLINE       srvdbo10                 STABLE
    6        ONLINE  ONLINE       srvdbo02                 STABLE
ora.cdbope3.cetus.pdb
    2        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               STABLE
    4        OFFLINE OFFLINE                               STABLE
ora.cdbope3.db
    1        OFFLINE OFFLINE                               STABLE
    2        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               Instance Shutdown,ST
                                                           ABLE
ora.cdbope3.geopol.pdb
    2        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               STABLE
    4        OFFLINE OFFLINE                               STABLE
ora.cdbope3.ubicag.pdb
    1        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               STABLE
    4        OFFLINE OFFLINE                               STABLE
ora.cdbope4.bioapolo.pdb
    1        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               STABLE
    4        OFFLINE OFFLINE                               STABLE
ora.cdbope4.cnp.pdb
    1        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               STABLE
    4        OFFLINE OFFLINE                               STABLE
ora.cdbope4.db
    1        OFFLINE OFFLINE                               STABLE
    2        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               Instance Shutdown,ST
                                                           ABLE
ora.cdbope4.dbmud.pdb
    1        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               STABLE
    4        OFFLINE OFFLINE                               STABLE
ora.cdbope4.lynx.pdb
    1        OFFLINE OFFLINE                               STABLE
    3        OFFLINE OFFLINE                               STABLE
```


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```
    4        OFFLINE OFFLINE                       STABLE
ora.cdbope4.polfa.pdb
    1        OFFLINE OFFLINE                       STABLE
    2        OFFLINE OFFLINE                       STABLE
    4        OFFLINE OFFLINE                       STABLE
ora.cdp1.cdp
    1        ONLINE  ONLINE       srvdbo16         STABLE
ora.cdp2.cdp
    1        ONLINE  ONLINE       srvdbo01         STABLE
ora.cdp3.cdp
    1        ONLINE  ONLINE       srvdbo02         STABLE
ora.cvu
    1        ONLINE  ONLINE       srvdbo02         STABLE
ora.mgmtdb
    1        ONLINE  ONLINE       srvdbo16         Open,STABLE
ora.qosmserver
    1        ONLINE  ONLINE       srvdbo01         STABLE
ora.scan1.vip
    1        ONLINE  ONLINE       srvdbo16         STABLE
ora.scan2.vip
    1        ONLINE  ONLINE       srvdbo01         STABLE
ora.scan3.vip
    1        ONLINE  ONLINE       srvdbo02         STABLE
ora.srvdbo01.vip
    1        ONLINE  ONLINE       srvdbo01         STABLE
ora.srvdbo02.vip
    1        ONLINE  ONLINE       srvdbo02         STABLE
ora.srvdbo10.vip
    1        ONLINE  ONLINE       srvdbo10         STABLE
ora.srvdbo16.vip
    1        ONLINE  ONLINE       srvdbo16         STABLE
--------------------------------------------------------------------------------
```

Estado de los Agentes del Listener de las BD

```
CRS-4638: Oracle High Availability Services is online
CRS-4537: Cluster Ready Services is online
CRS-4529: Cluster Synchronization Services is online
CRS-4533: Event Manager is online
```

Estado del Data Guard de la Base de Datos adm3stby (cdb1ope1)

```
ORACLE_SID=cdb1ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1ope1
DGMGRL for Linux: Release 21.0.0.0.0 - Production on Wed Feb 26 11:57:04 2025
Version 21.15.0.0.0

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Welcome to DGMGRL, type "help" for information.
DGMGRL> Connected to "cdb1ope"
Connected as SYSDG.
DGMGRL>
Database - ope1stby

  Role:              PHYSICAL STANDBY
  Intended State:    APPLY-ON
  Transport Lag:     33 seconds (computed 1 second ago)
  Apply Lag:         19 minutes 38 seconds (computed 1 second ago)
  Average Apply Rate:  6.54 MByte/s
  Real Time Query:   OFF
  Instance(s):
    ope1stby1 (apply instance)
    ope1stby2

  Database Warning(s):
    ORA-16853: apply lag has exceeded specified threshold
    ORA-16855: transport lag has exceeded specified threshold
```


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Database Status:
WARNING

DGMGRL> DGMGRL> DGMGRL> DGMGRL> DGMGRL>

Estado de los Pluggable Databases (cdb1ope1)

ORACLE_SID=cdb1ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1ope1

CON_ID	CON_NAME	OPEN MODE	RESTRICTED
2	PDB$SEED	READ ONLY	NO
4	PSIVICC	READ WRITE	NO
5	DBOPER	READ WRITE	NO
6	DISEC	READ WRITE	NO

Respaldo de los últimos 5 días del contenedor (cdb1ope1)

ORACLE_SID=cdb1ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1ope1

START_TIME	STATUS	TIME_HR	IN_TB	OUT_TB	OUTPUT_DEVICE_TYP	INPUT_TYPE
26-02-2025 01:00:25	COMPLETED		.5	.536210656	.163841069 DISK	ARCHIVELOG
25-02-2025 01:00:15	COMPLETED		.6	.601096749	.182289898 DISK	ARCHIVELOG
24-02-2025 01:00:18	COMPLETED		.7	.789218545	.23721391 DISK	ARCHIVELOG
23-02-2025 01:00:16	COMPLETED		.5	.571241021	.171027958 DISK	ARCHIVELOG
22-02-2025 01:00:16	COMPLETED		.2	.178858399	.05402261 DISK	ARCHIVELOG
21-02-2025 13:00:14	COMPLETED		.7	.760441422	.235829175 DISK	ARCHIVELOG

6 rows selected.

Espacio en ASM del contenedor (cdb1ope1)

ORACLE_SID=cdb1ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1ope1

Group Number	NAME	TYPE	STATE	Total (GB)	Free (GB)	Used (%)
1	DATA	EXTERN	MOUNTED	51,200	14,468	72
2	DG_DATA	EXTERN	CONNECTED	32,768	2,509	92
3	DG_EXP_IMP	EXTERN	MOUNTED	9,313	1	100
4	DG_FRA	EXTERN	CONNECTED	10,240	9,602	6
5	RECO	EXTERN	MOUNTED	2,048	367	82
6	VOTE	HIGH	MOUNTED	150	72	52

6 rows selected.

Espacio y uso de los Tablespace, mayor al 85% de la base de datos PSIVICC

ORACLE_SID=cdb1ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1ope1

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Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos DBOPER

ORACLE_SID=cdb1ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1ope1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos DISEC

ORACLE_SID=cdb1ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb1ope1

Session altered.

no rows selected

Estado del Servidor srvdbo02

Informe del servidor srvdbo02

Información del Servidor

Static hostname: srvdbo02
Icon name: computer-server
Chassis: server
Machine ID: eef24609e3d84ff3b5098bc5641ec72e
Boot ID: c6c100bc84254c6ab33ff60fcd61ee02
Operating System: Oracle Linux Server 8.7
CPE OS Name: cpe:/o:oracle:linux:8:7:server
Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
Architecture: x86-64

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0      172.28.3.27     Wed Feb 26 08:59   still logged in
vfuentes pts/0      172.28.3.194    Sat Feb  8 15:27 - 15:32  (00:05)
vfuentes pts/0      172.28.3.194    Thu Feb  6 12:05 - 12:06  (00:00)
oracle   pts/0      172.28.3.27     Wed Feb  5 17:16 - 18:16  (01:00)
vfuentes pts/1      172.28.3.194    Tue Feb  4 18:10 - 09:46  (15:36)
oracle   pts/1      172.28.3.27     Mon Jan 27 14:03 - 17:41 (8+03:37)
vfuentes pts/0      172.28.3.194    Thu Jan 23 14:51 - 09:46 (12+18:55)
vfuentes pts/1      172.28.3.194    Wed Jan 22 17:39 - 11:28  (17:49)
cajimene pts/0      172.28.3.19     Wed Jan 22 15:21 - 18:00  (02:39)
wvelez   pts/1      172.28.3.55     Tue Jan  7 10:02 - 10:03  (00:00)
```

Información del Procesamiento del Servidor

```
top - 09:03:51 up 110 days, 21:20,  1 user,  load average: 9.67, 9.99, 9.57
Tasks: 3004 total,   7 running, 2993 sleeping,   0 stopped,   4 zombie
%Cpu(s):  7.2 us,  1.1 sy,  0.0 ni, 90.8 id,  0.0 wa,  0.3 hi,  0.5 si,  0.0 st
MiB Mem : 1014539.+total, 406952.0 free, 457082.1 used, 150505.6 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 538680.7 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
514531 oracle    20   0  270.6g 125776 111312 S 104.8   0.0   0:11.60 oracle_+
1575229 oracle   20   0  270.7g 210204 147304 R 100.0   0.0 880:20.81 ora_p01+
```


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```
1575233 oracle   20   0  270.7g 267120 142344 R 100.0   0.0 531:30.14 ora_p01+
1575225 oracle   20   0  270.7g 218268 142840 S 100.0   0.0   1222:07 ora_p01+
1581207 oracle   20   0  270.6g 199980 141532 S  95.2   0.0 986:46.46 ora_p01+
 514234 oracle   20   0  271.7g 850036 112608 R  85.7   0.1   0:13.07 oracle_+
1581209 oracle   20   0  270.6g 199988 135788 S  57.1   0.0 985:35.82 ora_p01+
 527902 oracle   20   0  270.6g 129008 113232 S  42.9   0.0   0:00.91 oracle_+
```

El uso promedio del procesamiento del servidor es del 9.20%.

Información del Espacio del Servidor

```
Filesystem            Size  Used Avail Use% Mounted on
devtmpfs              496G     0  496G   0% /dev
tmpfs                 496G  8.9G  487G   2% /dev/shm
tmpfs                 496G  4.0G  492G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  9.0G   41G  18% /
/dev/mapper/srvdbo-home   50G  454M   50G   1% /home
/dev/sda2             2.0G  527M  1.5G  26% /boot
/dev/mapper/srvdbo-tmp    20G  188M   20G   1% /tmp
/dev/sda1             2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-u01   500G  378G  122G  76% /u01
/dev/mapper/srvdbo-var    20G   12G  8.2G  60% /var
tmpfs                 100G     0  100G   0% /run/user/54324
/dev/asm/export-306   9.1T   40G  9.1T   1% /export
tmpfs                 100G     0  100G   0% /run/user/54321
```

Información de utilización de los discos

```
sdba     38.00  31.00  8944.00   216.50     0.00     7.00   0.00  18.42   0.76   0.42   0.04   235.37    6.98   1.46  10.10
sdan     41.00  19.00  9448.00   160.00     0.00     0.00   0.00   0.00   0.88   0.37   0.04   230.44    8.42   1.60   9.60
sdai     48.00   5.00 11664.00    40.00     0.00     0.00   0.00   0.00   0.98   0.60   0.05   243.00    8.00   1.75   9.30
sdaq     34.00   8.00  8432.00    64.00     0.00     0.00   0.00   0.00   2.32   0.50   0.08   248.00    8.00   2.10   8.80
sdax     41.00   4.00  9448.00    56.00     0.00     0.00   0.00   0.00   0.80   0.50   0.04   230.44   14.00   1.82   8.20
sdaw     29.00   8.00  6952.00    64.00     0.00     0.00   0.00   0.00   1.24   0.38   0.04   239.72    8.00   2.00   7.40
sdak     38.00   4.00  8216.50    40.00     0.00     0.00   0.00   0.00   0.76   0.25   0.03   216.22   10.00   1.60   6.70
sdpb     36.00   1.00  8928.00     8.00     0.00     0.00   0.00   0.00   0.83   1.00   0.03   248.00    8.00   1.78   6.60
sdal     32.00   3.00  7936.00    64.00     0.00     0.00   0.00   0.00   0.97   0.33   0.03   248.00   21.33   1.89   6.60
sdpc     34.00   6.00  7960.00    48.00     0.00     0.00   0.00   0.00   0.76   0.33   0.03   234.12    8.00   1.60   6.40
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         446         397          12         146         525
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     43301     1  0 2024 ?        00:16:42 asm_pmon_+ASM2
grid     44449     1  0 2024 ?        00:15:19 apx_pmon_+APX2
oracle   47925     1  0 2024 ?        01:22:30 ora_pmon_cdb1ope2
root    528366 528091  0 09:03 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root    528368 528366  0 09:03 pts/0    00:00:00 grep pmon
```

Estado del Servidor srvdbo10

Informe del servidor srvdbo10

Información del Servidor

```
   Static hostname: srvdbo10
         Icon name: computer-server
           Chassis: server
        Machine ID: beaf12976d204394a7edb56fb9c3cdef
           Boot ID: 79dea8c69531458cb1fc4e3b63eb7054
  Operating System: Oracle Linux Server 8.7
       CPE OS Name: cpe:/o:oracle:linux:8:7:server
            Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
      Architecture: x86-64
```


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Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Wed Feb 26 08:59   still logged in
vfuentes pts/0        172.28.3.194     Sat Feb  8 15:27 - 15:32  (00:04)
vfuentes pts/0        172.28.3.194     Thu Feb  6 12:05 - 12:05  (00:00)
oracle   pts/0        172.28.3.27      Mon Jan 27 14:07 - 17:41 (8+03:33)
vfuentes pts/1        172.28.3.194     Fri Jan 17 10:00 - 10:21  (00:21)
vfuentes pts/0        172.28.3.194     Fri Jan 17 09:56 - 10:21  (00:25)
reboot   system boot  5.4.17-2136.318. Fri Jan 17 09:55   still running
vfuentes pts/0        172.28.3.194     Fri Jan 17 08:40 - 09:45  (01:04)
vfuentes pts/0        172.28.3.194     Fri Jan 17 08:40 - 08:40  (00:00)
vfuentes pts/0        172.28.3.194     Thu Jan 16 11:28 - 14:47  (03:19)
```

Información del Procesamiento del Servidor

```
top - 09:03:34 up 39 days, 23:08,  1 user,  load average: 13.85, 13.01, 11.26
Tasks: 2955 total,  13 running, 2939 sleeping,   0 stopped,   3 zombie
%Cpu(s):  8.4 us,  0.5 sy,  0.0 ni, 90.7 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014539.+total, 492361.8 free, 454864.7 used,  67313.3 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 543890.2 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
2768469 oracle    20   0  268.6g 127372 113272 R 105.3   0.0  19:01.79 oracle_+
2772871 oracle    20   0  268.7g 227316 119684 R 105.3   0.0  19:18.79 oracle_+
2788852 oracle    20   0  268.7g 214620 111320 R 105.3   0.0  14:43.78 oracle_+
2798677 oracle    20   0  268.6g 139980 110000 R 105.3   0.0  10:40.99 oracle_+
2798712 oracle    20   0  268.7g 164464 107692 R 105.3   0.0  12:05.97 oracle_+
2798745 oracle    20   0  268.6g 140156 107800 R 105.3   0.0  12:27.34 oracle_+
2836562 oracle    20   0  268.5g 131024 115500 R 100.0   0.0   3:30.81 ora_j00+
2798741 oracle    20   0  268.6g 141828 116420 R 100.0   0.0   4:20.78 oracle_+
```

El uso promedio del procesamiento del servidor es del 9.30%.

Información del Espacio del Servidor

```
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                496G     0  496G   0% /dev
tmpfs                   496G  6.9G  489G   2% /dev/shm
tmpfs                   496G  3.1G  493G   1% /run
tmpfs                   496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo10-root  50G  8.5G   42G  17% /
/dev/mapper/srvdbo10-temp  20G  176M   20G   1% /temp
/dev/sda4              2.0G  451M  1.6G  23% /boot
/dev/sda3              2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo10-u01  500G  240G  261G  48% /u01
/dev/mapper/srvdbo10-home  50G  391M   50G   1% /home
/dev/mapper/srvdbo10-var   20G  2.8G   18G  14% /var
tmpfs                   100G     0  100G   0% /run/user/54324
/dev/asm/export-306     9.1T   40G  9.1T   1% /export
tmpfs                   100G     0  100G   0% /run/user/54321
```

Información de utilización de los discos

```
sdan     74.06   5.93  6211.72  478.70   0.65   0.64   0.86   9.73   0.68   2.37   0.06   83.87   80.72   0.81   6.48
sdaj     75.02   5.83  6316.37  478.61   0.63   0.61   0.83   9.52   0.67   2.60   0.07   84.20   82.13   0.80   6.43
sdbc     71.33   5.93  6200.53  474.34   0.67   0.62   0.93   9.48   0.70   2.19   0.06   86.93   80.03   0.83   6.40
sdbb     70.88   5.74  6308.00  459.22   0.69   0.62   0.97   9.80   0.71   2.28   0.06   88.99   79.94   0.82   6.30
sdao     70.54   5.56  6319.85  474.71   0.64   0.64   0.90  10.34   0.71   2.61   0.06   89.59   85.37   0.82   6.24
sdba     69.35   5.49  6201.27  470.69   0.62   0.59   0.89   9.67   0.71   2.59   0.06   89.42   85.79   0.83   6.18
sdaz     69.25   5.59  6173.60  469.82   0.69   0.58   0.99   9.47   0.72   2.45   0.06   89.15   84.06   0.82   6.16
sdax     69.02   5.67  6229.55  467.34   0.64   0.61   0.93   9.79   0.72   2.43   0.06   90.26   82.49   0.82   6.15
sdal     69.45   5.58  6274.47  474.07   0.60   0.62   0.85   9.98   0.72   2.72   0.06   90.35   84.92   0.82   6.15
sdap     69.45   5.33  6073.31  459.00   0.59   0.57   0.84   9.73   0.71   2.87   0.06   87.45   86.10   0.82   6.14
```


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Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	444	480	9	65	531
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

```
grid     60286     1  0 Jan17 ?        00:05:54 asm_pmon_+ASM3
grid     60919     1  0 Jan17 ?        00:05:38 apx_pmon_+APX3
oracle   62339     1  0 Jan17 ?        00:30:02 ora_pmon_cdb1ope3
root   2850130 2849774  0 09:03 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root   2850133 2850130  0 09:03 pts/0    00:00:00 grep pmon
```

Estado del Servidor srvdbo16

Informe del servidor srvdbo16

Información del Servidor

```
  Static hostname: srvdbo16
        Icon name: computer-server
          Chassis: server
       Machine ID: 49f070e0d8064ad386111fc99c1cd093
          Boot ID: 1c6757af934b4787bd20d5a65b88f18e
 Operating System: Oracle Linux Server 8.7
      CPE OS Name: cpe:/o:oracle:linux:8:7:server
           Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
     Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Wed Feb 26 08:59   still logged in
vfuentes pts/0        172.28.3.194      Thu Feb  6 12:05 - 12:05  (00:00)
vfuentes pts/0        172.28.3.194      Thu Feb  6 12:05 - 12:05  (00:00)
oracle   pts/0        172.28.3.27      Mon Jan 27 14:09 - 17:41 (8+03:31)
vfuentes pts/0        172.28.3.194      Fri Dec 27 03:43 - 03:43  (00:00)
oracle   pts/0        172.28.3.27      Thu Dec 26 08:44 - 19:46  (11:02)
wvelez   pts/0        172.28.3.55       Sun Dec  1 15:02 - 15:06  (00:04)
oracle   pts/2        172.28.3.27      Fri Nov 22 12:31 - 12:32  (00:01)
oracle   pts/1        172.28.18.196     Wed Nov 20 09:39 - 17:55 (5+08:15)
oracle   pts/1        172.28.18.196     Tue Nov 19 09:23 - 09:27  (00:03)
```

Información del Procesamiento del Servidor

```
top - 09:03:28 up 161 days, 19:50,  1 user,  load average: 16.76, 14.89, 13.40
Tasks: 3104 total,   8 running, 3093 sleeping,   0 stopped,   3 zombie
%Cpu(s):  7.3 us,  1.1 sy,  0.0 ni, 90.9 id,  0.0 wa,  0.3 hi,  0.4 si,  0.0 st
MiB Mem : 1014539.+total, 390967.7 free, 463850.1 used, 159721.9 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 533702.4 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
736388 oracle   20   0  268.6g 207540 108972 R  92.0   0.0   5:52.93 ora_j00+
747413 oracle   20   0  268.6g 124324 109800 R  92.0   0.0   0:16.98 oracle_+
1701517 oracle  20   0  269.4g 971236 135312 R  92.0   0.1 678:13.05 ora_p00+
511137 oracle   20   0  269.5g 984452 115032 R  88.0   0.1  48:37.12 oracle_+
747999 oracle   20   0  268.6g 149696 125716 R  84.0   0.0   0:15.13 oracle_+
743344 oracle   20   0  268.6g 127216 111932 R  56.0   0.0   0:14.95 oracle_+
748008 oracle   20   0  268.6g 143504 120172 S  56.0   0.0   0:10.13 oracle_+
739346 oracle   20   0  268.6g 155208 131200 S  36.0   0.0   0:21.58 oracle_+
```

El uso promedio del procesamiento del servidor es del 9.10%.

Información del Espacio del Servidor

```
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                496G     0  496G   0% /dev
tmpfs                   496G  7.1G  489G   2% /dev/shm
tmpfs                   496G  4.1G  492G   1% /run
tmpfs                   496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root  50G  8.7G   42G  18% /
/dev/mapper/srvdbo-home  50G  391M   50G   1% /home
/dev/sda2               2.0G  476M  1.6G  24% /boot
```


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/dev/mapper/srvdbo-tmp 20G 189M 20G 1% /tmp
/dev/sda1 2.0G 5.1M 2.0G 1% /boot/efi
/dev/mapper/srvdbo-u01 500G 263G 238G 53% /u01
/dev/mapper/srvdbo-var 20G 9.6G 11G 48% /var
tmpfs 100G 0 100G 0% /run/user/54323
/dev/asm/export-306 9.1T 40G 9.1T 1% /export
tmpfs 100G 0 100G 0% /run/user/54322
[172.22.91.239]:/FS-OracleDB 820T 194T 626T 24% /mnt/Veeam/{468b64f1-7aea-4b1f-b123-35e2fa68f09d}
tmpfs 100G 0 100G 0% /run/user/54321

Información de utilización de los discos

sdan	216.53	6.63	5922.66	404.04	0.91	0.69	0.42	9.39	1.36	3.93	0.01	27.35	60.94	0.52	11.71
sdaj	217.37	6.01	5856.07	390.25	0.93	0.63	0.43	9.43	1.31	4.76	0.01	26.94	64.94	0.51	11.47
sdao	214.84	5.84	5949.42	385.60	0.90	0.62	0.42	9.58	0.89	4.94	0.22	27.69	66.08	0.52	11.37
sdaz	212.99	6.30	5690.41	394.93	0.99	0.66	0.46	9.47	1.15	4.22	0.27	26.72	62.70	0.52	11.35
sdal	213.77	5.86	5933.62	390.83	0.89	0.65	0.42	9.98	1.33	4.52	0.00	27.76	66.72	0.52	11.34
sdai	214.17	6.02	5852.48	396.05	0.94	0.68	0.44	10.17	1.24	4.51	0.29	27.33	65.76	0.51	11.31
sdam	213.81	5.80	5789.22	391.21	0.88	0.64	0.41	9.95	0.09	5.11	0.05	27.08	67.47	0.51	11.28
sdap	211.93	5.73	5706.02	393.78	0.83	0.64	0.39	10.09	1.08	5.02	0.26	26.92	68.73	0.52	11.24
sdax	211.50	5.80	5749.25	390.84	0.97	0.65	0.46	10.01	1.32	4.62	0.31	27.18	67.35	0.52	11.23
sdaq	207.99	6.35	5803.36	400.22	0.98	0.67	0.47	9.56	0.10	4.26	0.05	27.90	63.03	0.52	11.15

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	452	381	11	155	521
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

root 759996 759599 0 09:03 pts/0 00:00:00 /bin/sh -c ps -fea | grep pmon
root 759998 759996 0 09:03 pts/0 00:00:00 grep pmon
grid 1311268 1 0 2024 ? 00:22:25 asm_pmon_+ASM4
grid 1311970 1 0 2024 ? 00:21:27 apx_pmon_+APX4
grid 1325505 1 0 2024 ? 00:23:11 ora_pmon_-MGMTDB
oracle 2595323 1 0 2024 ? 00:52:12 ora_pmon_cdb1ope4

1.2.4 Contenedor OPE2

Estado del Servidor srvdbo03

Informe del servidor srvdbo03

Información del Servidor

Static hostname: srvdbo03
Icon name: computer-server
Chassis: server
Machine ID: 9b88dfd17f9c4f1db15e940515ddfbec
Boot ID: 4b114406708e4cd28816ae2a4521ccf3
Operating System: Oracle Linux Server 8.7
CPE OS Name: cpe:/o:oracle:linux:8:7:server
Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
Architecture: x86-64

Usuarios que han iniciado sesión en el servidor

usrveeam pts/10 172.28.251.99 Wed Feb 26 11:48 - 11:48 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:48 - 11:48 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:48 - 11:48 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:48 - 11:48 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:47 - 11:47 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:47 - 11:47 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:47 - 11:47 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:47 - 11:47 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:46 - 11:46 (00:00)
usrveeam pts/10 172.28.251.99 Wed Feb 26 11:46 - 11:46 (00:00)

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Información del Procesamiento del Servidor

top - 11:49:50 up 34 days, 14:50, 9 users, load average: 10.65, 10.64, 10.00
Tasks: 3118 total, 10 running, 3107 sleeping, 0 stopped, 1 zombie
%Cpu(s): 5.4 us, 0.8 sy, 0.0 ni, 93.5 id, 0.0 wa, 0.1 hi, 0.2 si, 0.0 st
MiB Mem : 1014539.+total, 11073.1 free, 448774.5 used, 554692.1 buff/cache
MiB Swap: 65536.0 total, 59936.2 free, 5599.8 used. 554058.8 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
32405	oracle	20	0	158.3g	352716	117040	R	100.0	0.0	236:00.11	ora_p00+
32421	oracle	20	0	158.3g	383824	123420	R	100.0	0.0	927:58.48	ora_p00+
926853	oracle	20	0	158.3g	381288	112816	R	100.0	0.0	1395:50	ora_p00+
969044	oracle	20	0	158.3g	377600	111388	R	100.0	0.0	1567:33	ora_p00+
32409	oracle	20	0	158.3g	362840	119536	R	95.2	0.0	439:27.67	ora_p00+
927395	oracle	20	0	158.3g	381676	122376	R	95.2	0.0	775:06.84	ora_p00+
3079590	oracle	20	0	158.1g	119484	98772	S	38.1	0.0	0:09.54	oracle_+
2970229	oracle	20	0	158.1g	117332	106548	R	33.3	0.0	8:33.76	oracle_+

El uso promedio del procesamiento del servidor es del 6.50%.

Información del Espacio del Servidor

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	496G	0	496G	0%	/dev
tmpfs	496G	6.9G	489G	2%	/dev/shm
tmpfs	496G	3.6G	492G	1%	/run
tmpfs	496G	0	496G	0%	/sys/fs/cgroup
/dev/mapper/srvdbo-root	50G	9.1G	41G	19%	/
/dev/mapper/srvdbo-var	20G	18G	2.9G	86%	/var
/dev/mapper/srvdbo-home	50G	397M	50G	1%	/home
/dev/sda4	2.0G	476M	1.6G	24%	/boot
/dev/sda3	2.0G	5.1M	2.0G	1%	/boot/efi
/dev/mapper/srvdbo-tmp	20G	793M	20G	4%	/tmp
/dev/mapper/srvdbo-u01	500G	272G	228G	55%	/u01
/dev/mapper/mpaths1	15T	8.3T	5.6T	60%	/bkp
tmpfs	100G	0	100G	0%	/run/user/54324
tmpfs	100G	0	100G	0%	/run/user/54323
tmpfs	100G	0	100G	0%	/run/user/54321
tmpfs	100G	0	100G	0%	/run/user/54327

La partición '/var' tiene un uso del 86%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

```
[root@srvdbo03 crash]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  6.9G  489G   2% /dev/shm
tmpfs                     496G  3.6G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  9.1G   41G  19% /
/dev/mapper/srvdbo-var     20G  2.7G   18G  14% /var
/dev/mapper/srvdbo-home    50G  397M   50G   1% /home
/dev/sda4                 2.0G  476M  1.6G  24% /boot
/dev/sda3                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-tmp     20G  781M   20G   4% /tmp
/dev/mapper/srvdbo-u01    500G  272G  228G  55% /u01
/dev/mapper/mpaths1        15T  8.3T  5.6T  60% /bkp
tmpfs                     100G     0  100G   0% /run/user/54324
tmpfs                     100G     0  100G   0% /run/user/54323
tmpfs                     100G     0  100G   0% /run/user/54321
tmpfs                     100G     0  100G   0% /run/user/54327
```

Se realiza la recuperación del espacio

Información de utilización de los discos

sdn	97.00	49.00	98192.00	155.50	0.00	0.00	0.00	0.00	14.23	0.37	1.40	1012.29	3.17	2.77	40.40
sdg	96.00	0.00	98176.00	0.00	0.00	0.00	0.00	0.00	13.73	0.00	1.32	1022.67	0.00	4.11	39.50
sdl	96.00	0.00	98304.00	0.00	0.00	0.00	0.00	0.00	13.85	0.00	1.33	1024.00	0.00	4.05	38.90
sdk	92.00	0.00	94208.00	0.00	0.00	0.00	0.00	0.00	14.72	0.00	1.35	1024.00	0.00	4.05	37.30

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```
sdy      90.00   0.00 92032.00    0.00   0.00    0.00   0.00   0.00   15.02   0.00   1.35 1022.58    0.00   4.11  37.00
sdj      92.00   0.00 94080.00    0.00   0.00    0.00   0.00   0.00   14.10   0.00   1.30 1022.61    0.00   4.02  37.00
sdm      91.00   0.00 93056.00    0.00   0.00    0.00   0.00   0.00   14.98   0.00   1.36 1022.59    0.00   4.00  36.40
sdw      92.00   0.00 94080.00    0.00   0.00    0.00   0.00   0.00   14.41   0.00   1.33 1022.61    0.00   3.92  36.10
sdv      93.00   0.00 94088.00    0.00   0.00    0.00   0.00   0.00   14.78   0.00   1.38 1011.70    0.00   3.86  35.90
sdh      87.00   0.00 87952.00    0.00   0.00    0.00   0.00   0.00   14.10   0.00   1.23 1010.94    0.00   4.09  35.60
```

Información de la Memoria RAM del Servidor

```
              total        used        free      shared  buff/cache   available
Mem:            990         438          10           5         541         541
Swap:            63           5          58
```

Servicios de las Bases de Datos del Servidor

```
grid     29546     1  0 Jan22 ?        00:04:59 asm_pmon_+ASM1
oracle   30129     1  0 Jan22 ?        00:35:26 ora_pmon_cdb2ope1
grid   1755460     1  0 Jan27 ?        00:04:46 ora_pmon_-MGMTDB
root   3080678 3080617  0 11:49 pts/9    00:00:00 /bin/sh -c ps -fea | grep pmon
root   3080680 3080678  0 11:49 pts/9    00:00:00 grep pmon
```

Servicio de Listener de los Nodos de BD

```
Listener LISTENER is enabled
Listener LISTENER is running on node(s): srvdbo11,srvdbo12,srvdbo03,srvdbo15
```

Estado General del Listener de las BD

```
LSNRCTL for Linux: Version 21.0.0.0.0 - Production on 26-FEB-2025 11:49:52

Copyright (c) 1991, 2021, Oracle.  All rights reserved.

Connecting to (ADDRESS=(PROTOCOL=tcp)(HOST=)(PORT=1521))
STATUS of the LISTENER
------------------------
Alias                     LISTENER
Version                   TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date                22-JAN-2025 21:00:53
Uptime                    34 days 14 hr. 48 min. 59 sec
Trace Level               off
Security                  ON: Local OS Authentication
SNMP                      OFF
Listener Parameter File   /u01/app/product/21.0.0/grid/network/admin/listener.ora
Listener Log File         /u01/app/grid/diag/tnslsnr/srvdbo03/listener/alert/log.xml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.198)(PORT=1521)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.192)(PORT=1521)))
Services Summary...
Service "+ASM" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_DATA" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_FRA" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_VOTO" has 1 instance(s).
  Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "2a2eb2894a96e0b8e05396121cac4abe" has 1 instance(s).
  Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
Service "61cdfc9f3551c092e0539a121cacb923" has 1 instance(s).
  Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
Service "cdb2ope" has 1 instance(s).
  Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
Service "cetus" has 1 instance(s).
  Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
Service "d8b911917661ac87e05305121cac8cf0" has 1 instance(s).
  Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
Service "fd9ac20f64d344d7e043b6a9e80a2f2f" has 1 instance(s).
```


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Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
Service "geopol" has 1 instance(s).
Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
Service "ubicag" has 1 instance(s).
Instance "cdb2ope1", status READY, has 1 handler(s) for this service...
The command completed successfully

Estado General del Cluster de las BD

Name	Target	State	Server	State details
Local Resources				
ora.LISTENER.lsnr				
	ONLINE	ONLINE	srvdbo03	STABLE
	ONLINE	ONLINE	srvdbo11	STABLE
	ONLINE	ONLINE	srvdbo12	STABLE
	ONLINE	ONLINE	srvdbo15	STABLE
ora.chad				
	ONLINE	ONLINE	srvdbo03	STABLE
	ONLINE	ONLINE	srvdbo11	STABLE
	ONLINE	ONLINE	srvdbo12	STABLE
	ONLINE	ONLINE	srvdbo15	STABLE
ora.net1.network				
	ONLINE	ONLINE	srvdbo03	STABLE
	ONLINE	ONLINE	srvdbo11	STABLE
	ONLINE	ONLINE	srvdbo12	STABLE
	ONLINE	ONLINE	srvdbo15	STABLE
ora.ons				
	ONLINE	ONLINE	srvdbo03	STABLE
	ONLINE	ONLINE	srvdbo11	STABLE
	ONLINE	ONLINE	srvdbo12	STABLE
	ONLINE	ONLINE	srvdbo15	STABLE
Cluster Resources				
ora.ASMNET1LSNR_ASM.lsnr(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo11	STABLE
2	ONLINE	ONLINE	srvdbo12	STABLE
3	ONLINE	ONLINE	srvdbo03	STABLE
4	ONLINE	ONLINE	srvdbo15	STABLE
ora.DG_DATA.dg(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo11	STABLE
2	ONLINE	ONLINE	srvdbo12	STABLE
3	ONLINE	ONLINE	srvdbo03	STABLE
4	ONLINE	ONLINE	srvdbo15	STABLE
ora.DG_FRA.dg(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo11	STABLE
2	ONLINE	ONLINE	srvdbo12	STABLE
3	ONLINE	ONLINE	srvdbo03	STABLE
4	ONLINE	ONLINE	srvdbo15	STABLE
ora.LISTENER_SCAN1.lsnr				
1	ONLINE	ONLINE	srvdbo03	STABLE
ora.LISTENER_SCAN2.lsnr				
1	ONLINE	ONLINE	srvdbo11	STABLE
ora.LISTENER_SCAN3.lsnr				
1	ONLINE	ONLINE	srvdbo12	STABLE
ora.MGMTLSNR				
1	ONLINE	ONLINE	srvdbo03	169.254.26.63 11.10.18.198,STABLE
ora.VOTO.dg(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo11	STABLE
2	ONLINE	ONLINE	srvdbo12	STABLE
3	ONLINE	ONLINE	srvdbo03	STABLE
4	ONLINE	ONLINE	srvdbo15	STABLE
ora.asm(ora.asmgroup)				
1	ONLINE	ONLINE	srvdbo11	Started,STABLE
2	ONLINE	ONLINE	srvdbo12	Started,STABLE

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```
     3        ONLINE  ONLINE       srvdbo03                 Started,STABLE
     4        ONLINE  ONLINE       srvdbo15                 Started,STABLE
ora.asmnet1.asmnetwork(ora.asmgroup)
     1        ONLINE  ONLINE       srvdbo11                 STABLE
     2        ONLINE  ONLINE       srvdbo12                 STABLE
     3        ONLINE  ONLINE       srvdbo03                 STABLE
     4        ONLINE  ONLINE       srvdbo15                 STABLE
ora.cdb2ope.cetus.pdb
     1        ONLINE  ONLINE       srvdbo15                 STABLE
     2        ONLINE  ONLINE       srvdbo11                 STABLE
     4        ONLINE  ONLINE       srvdbo12                 STABLE
     5        ONLINE  ONLINE       srvdbo03                 STABLE
ora.cdb2ope.db
     1        ONLINE  ONLINE       srvdbo11                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
     2        ONLINE  ONLINE       srvdbo03                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
     3        ONLINE  ONLINE       srvdbo15                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
     4        ONLINE  ONLINE       srvdbo12                 Open,HOME=/u01/app/p
                                                            roduct/21.0.0/dbhome
                                                            _1,STABLE
ora.cdb2ope.geopol.pdb
     1        ONLINE  ONLINE       srvdbo15                 STABLE
     2        ONLINE  ONLINE       srvdbo11                 STABLE
     4        ONLINE  ONLINE       srvdbo12                 STABLE
     5        ONLINE  ONLINE       srvdbo03                 STABLE
ora.cdb2ope.ubicag.pdb
     1        ONLINE  ONLINE       srvdbo15                 STABLE
     2        ONLINE  ONLINE       srvdbo11                 STABLE
     4        ONLINE  ONLINE       srvdbo12                 STABLE
     5        ONLINE  ONLINE       srvdbo03                 STABLE
ora.cdp1.cdp
     1        ONLINE  ONLINE       srvdbo03                 STABLE
ora.cdp2.cdp
     1        ONLINE  ONLINE       srvdbo11                 STABLE
ora.cdp3.cdp
     1        ONLINE  ONLINE       srvdbo12                 STABLE
ora.cvu
     1        ONLINE  ONLINE       srvdbo03                 STABLE
ora.mgmtdb
     1        ONLINE  ONLINE       srvdbo03                 Open,STABLE
ora.qosmserver
     1        ONLINE  ONLINE       srvdbo03                 STABLE
ora.scan1.vip
     1        ONLINE  ONLINE       srvdbo03                 STABLE
ora.scan2.vip
     1        ONLINE  ONLINE       srvdbo11                 STABLE
ora.scan3.vip
     1        ONLINE  ONLINE       srvdbo12                 STABLE
ora.srvdbo03.vip
     1        ONLINE  ONLINE       srvdbo03                 STABLE
ora.srvdbo11.vip
     1        ONLINE  ONLINE       srvdbo11                 STABLE
ora.srvdbo12.vip
     1        ONLINE  ONLINE       srvdbo12                 STABLE
ora.srvdbo15.vip
     1        ONLINE  ONLINE       srvdbo15                 STABLE
```

Estado de los Agentes del Listener de las BD

CRS-4638: Oracle High Availability Services is online
CRS-4537: Cluster Ready Services is online
CRS-4529: Cluster Synchronization Services is online
CRS-4533: Event Manager is online

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Estado del Data Guard de la Base de Datos adm3stby (cdb2ope1)

ORACLE_SID=cdb2ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb2ope1
DGMGRL for Linux: Release 21.0.0.0.0 - Production on Wed Feb 26 11:49:55 2025
Version 21.15.0.0.0

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Welcome to DGMGRL, type "help" for information.
DGMGRL> Connected to "cdb2ope"
Connected as SYSDG.
DGMGRL>
Database - ope2stby

Role: PHYSICAL STANDBY
Intended State: APPLY-ON
Transport Lag: 1 minute 14 seconds (computed 1 second ago)
Apply Lag: 2 minutes 28 seconds (computed 1 second ago)
Average Apply Rate: 20.51 MByte/s
Real Time Query: OFF
Instance(s):
ope2stby1 (apply instance)
ope2stby2

Database Status:
SUCCESS

DGMGRL> DGMGRL> DGMGRL> DGMGRL> DGMGRL>

Estado de los Pluggable Databases (cdb2ope1)

ORACLE_SID=cdb2ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb2ope1

CON_ID	CON_NAME	OPEN MODE	RESTRICTED
2	PDB$SEED	READ ONLY	NO
3	GEOPOL	READ WRITE	NO
4	UBICAG	READ WRITE	NO
5	CETUS	READ WRITE	NO

Respaldo de los últimos 5 días del contenedor (cdb2ope1)

ORACLE_SID=cdb2ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb2ope1

START_TIME	STATUS	TIME_HR	IN_TB	OUT_TB	OUTPUT_DEVICE_TYP	INPUT_TYPE
26-02-2025 03:01:16	COMPLETED	1	1.1	3.3108902	.779829979 DISK	ARCHIVELOG
25-02-2025 03:01:21	COMPLETED		.8	2.6264801	.62103653 DISK	ARCHIVELOG
24-02-2025 03:01:13	COMPLETED		1	3.15937614	.744212151 DISK	ARCHIVELOG
23-02-2025 13:01:19	COMPLETED		1.4	3.99738121	.941882133 DISK	ARCHIVELOG
22-02-2025 01:21:20			3.5	20.5201731	5.11882305 DISK	DB FULL COMPLETED

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Espacio en ASM del contenedor (cdb2ope1)

ORACLE_SID=cdb2ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb2ope1

Group Number	NAME	TYPE	STATE	Total (GB)	Free (GB)	Used (%)
1	VOTO	HIGH	MOUNTED	150	73	51
2	DG_DATA	EXTERN	CONNECTED	22,528	1,106	95
3	DG_FRA	EXTERN	CONNECTED	14,336	11,850	17

Espacio y uso de los Tablespace, mayor al 85% de la base de datos GEOPOL

ORACLE_SID=cdb2ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb2ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
SIDEH_GIS_DATA	29	32	91.08

Espacio y uso de los Tablespace, mayor al 85% de la base de datos UBICAG

ORACLE_SID=cdb2ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb2ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
TRAZASPDA_DATA	3280	3648	89.92

Espacio y uso de los Tablespace, mayor al 85% de la base de datos CETUS

ORACLE_SID=cdb2ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb2ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
SIVICCTRAZASGPS_DATA	4131	4192	98.54
SIVICCTRAZASGPS_INDEX	3534	3648	96.88
SIVICCTRAZAS_DATA	1128	1280	88.12

Estado del Servidor srvdbo11

Informe del servidor srvdbo11

Información del Servidor

Static hostname: srvdbo11

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Icon name: computer-server
Chassis: server
Machine ID: 9afaffff24d44877bc7a71b535a74dba
Boot ID: 1cf000b4aa794a3188d82ab6208faad3
Operating System: Oracle Linux Server 8.7
CPE OS Name: cpe:/o:oracle:linux:8:7:server
Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
Architecture: x86-64

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Wed Feb 26 09:19   still logged in
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:39 - 08:39  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:39 - 08:39  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 04:39 - 04:39  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 04:39 - 04:39  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 00:39 - 00:39  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 00:39 - 00:39  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 23:00 - 23:00  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 20:38 - 20:38  (00:00)
usrveeam pts/0        172.28.251.99    Tue Feb 25 20:38 - 20:38  (00:00)
```

Información del Procesamiento del Servidor

```
top - 09:41:57 up 29 days, 18:38,  1 user,  load average: 2.17, 2.45, 2.46
Tasks: 2949 total,   1 running, 2947 sleeping,   0 stopped,   1 zombie
%Cpu(s):  0.9 us,  0.9 sy,  0.0 ni, 97.6 id,  0.0 wa,  0.2 hi,  0.3 si,  0.0 st
MiB Mem : 1014539.+total, 524808.5 free, 441098.2 used,  48633.1 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 559668.2 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
112784 root      20   0   68672   8284   4292 R  27.3   0.0   0:00.12 top
 30189 oracle    20   0  157.3g 149520 116252 S   9.1   0.0 766:04.08 ora_scm+
 30208 oracle    20   0  155.3g 149688 115752 S   9.1   0.0 799:17.28 ora_scm+
 31440 oracle    20   0  155.1g 168920  87248 S   9.1   0.0 936:57.14 ora_tt0+
 80652 oracle    20   0  157.1g 109876  99132 S   9.1   0.0   0:02.51 oracle_+
112787 oracle    20   0  157.0g  69084  64392 S   9.1   0.0   0:00.04 ora_j00+
3210933 oracle   20   0  157.1g 111716 100720 S   9.1   0.0   0:58.95 oracle_+
3835241 oracle   20   0  157.1g 109336  98500 S   9.1   0.0   0:08.89 oracle_+
```

El uso promedio del procesamiento del servidor es del 2.40%.

Información del Espacio del Servidor

```
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  5.7G  490G   2% /dev/shm
tmpfs                     496G  2.4G  494G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  6.6G   44G  14% /
/dev/mapper/srvdbo-var     20G  2.5G   18G  13% /var
/dev/mapper/srvdbo-u01    500G  177G  324G  36% /u01
/dev/mapper/srvdbo-tmp     20G  195M   20G   1% /tmp
/dev/sda6                 2.0G  476M  1.6G  24% /boot
/dev/mapper/srvdbo-home    50G  391M   50G   1% /home
/dev/sda3                 2.0G  5.1M  2.0G   1% /boot/efi
tmpfs                     100G     0  100G   0% /run/user/54321
```

Información de utilización de los discos

```
sdk      6.00  88.00   49.50  340.00   0.00   4.00   0.00   4.35   0.17   0.89   0.08   8.25   3.86   1.47  13.80
sdo      0.00  86.00    0.00  316.00   0.00   4.00   0.00   4.44   0.00   0.88   0.08   0.00   3.67   1.53  13.20
sdk     22.81  23.66 12512.91 1236.34   0.68   1.72   2.89   6.78   3.23   9.33   0.29 548.63  52.25   1.29   6.01
sdn     21.20  23.52 12528.10 1229.04   0.48   1.70   2.20   6.76   3.44  10.34   0.32 590.85  52.24   1.33   5.94
sdh     21.15  22.73 12473.61 1223.49   1.81   1.56   7.87   6.43   3.45   9.17   0.28 589.89  53.83   1.34   5.86
sdi     20.30  22.49 12531.75 1222.09   0.51   1.68   2.43   6.93   3.59   8.77   0.27 617.40  54.34   1.34   5.72
sdw     19.75  22.61 12541.99 1210.52   1.07   1.67   5.15   6.88   3.66   9.96   0.30 634.94  53.54   1.35   5.70
sdg     19.71  22.73 12612.95 1226.23   2.43   1.64  10.98   6.74   3.67  10.32   0.31 639.91  53.95   1.33   5.66
sdm     19.51  22.65 12457.23 1222.45   0.50   1.64   2.48   6.76   3.69   9.15   0.28 638.40  53.97   1.34   5.65
sdv     19.68  22.67 12484.64 1204.72   1.01   1.62   4.88   6.68   3.67  10.84   0.32 634.51  53.15   1.33   5.64
```


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Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	430	512	7	47	546
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

```
grid     29184      1  0 Jan27 ?        00:04:15 asm_pmon_+ASM2
oracle   30047      1  0 Jan27 ?        00:26:13 ora_pmon_cdb2ope2
root     112830  112663  0 09:41 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root     112832  112830  0 09:41 pts/0    00:00:00 grep pmon
```

Estado del Servidor srvdbo12

Informe del servidor srvdbo12

Información del Servidor

```
   Static hostname: srvdbo12
         Icon name: computer-server
           Chassis: server
        Machine ID: 4b464a317e89481c8e1e8137c40e16b0
           Boot ID: b33ec683e8fd40df8eed76e94026b7fd
  Operating System: Oracle Linux Server 8.10
       CPE OS Name: cpe:/o:oracle:linux:8:10:server
            Kernel: Linux 5.4.17-2136.331.7.el8uek.x86_64
      Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Wed Feb 26 09:20   still logged in
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:41 - 08:41  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:41 - 08:41  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
```

Información del Procesamiento del Servidor

```
top - 09:42:17 up 29 days, 18:42,  2 users,  load average: 2.86, 2.73, 2.82
Tasks: 2917 total,   6 running, 2911 sleeping,   0 stopped,   0 zombie
%Cpu(s):  4.0 us,  1.5 sy,  0.0 ni, 93.8 id,  0.0 wa,  0.3 hi,  0.4 si,  0.0 st
MiB Mem : 1014527.+total, 477816.9 free, 442170.8 used,  94540.2 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 558704.3 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
4077772 oracle   20   0  157.1g 116292 102336 R  95.8   0.0   0:00.85 oracle_+
2329352 oracle   20   0  157.2g 257628 135476 R  91.7   0.0  11:27.21 oracle_+
4069375 oracle   20   0  157.0g 130368 115048 S  70.8   0.0   0:09.79 ora_j00+
3346799 root     20   0   10.7g 353180  10880 S  41.7   0.0   6218:19 ragent
4078327 oracle   20   0  157.1g 119732  98996 S  41.7   0.0   0:09.24 oracle_+
4078329 oracle   20   0  157.1g 121372 100536 R  37.5   0.0   0:09.36 oracle_+
4078335 oracle   20   0  157.1g 121552 100780 S  37.5   0.0   0:09.11 oracle_+
4078339 oracle   20   0  157.1g 119328  98608 R  37.5   0.0   0:08.93 oracle_+
```

El uso promedio del procesamiento del servidor es del 6.20%.

Información del Espacio del Servidor

```
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                496G     0  496G   0% /dev
tmpfs                   496G  5.7G  490G   2% /dev/shm
tmpfs                   496G  2.3G  494G   1% /run
tmpfs                   496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root  50G  7.6G   43G  16% /
/dev/sda2               2.0G  528M  1.5G  26% /boot
/dev/mapper/srvdbo-tmp   20G  200M   20G   1% /tmp
```


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```
/dev/mapper/srvdbo-home   50G  391M   50G   1% /home
/dev/mapper/srvdbo-u01   500G  317G  184G  64% /u01
/dev/mapper/srvdbo-var    20G  7.0G   14G  35% /var
/dev/sda1                2.0G  6.0M  2.0G   1% /boot/efi
tmpfs                    100G     0  100G   0% /run/user/0
tmpfs                    100G     0  100G   0% /run/user/54321
```

Información de utilización de los discos

```
sdm      267.00  8.00 273152.00   72.00   0.00   0.00   0.00   0.00   9.86   0.50   2.63 1023.04    9.00   2.23  61.20
sdl      268.00 88.00 274176.00  365.00   0.00  19.00   0.00  17.76   9.79   0.40   2.66 1023.04    4.15   1.71  60.90
sdy      260.00  0.00 265984.00    0.00   0.00   0.00   0.00   0.00   9.70   0.00   2.52 1023.02    0.00   2.26  58.70
sdg      268.00  1.00 274176.00    8.00   0.00   0.00   0.00   0.00   9.64   1.00   2.59 1023.04    8.00   2.17  58.30
sdj      264.00  3.00 270080.00   24.00   0.00   0.00   0.00   0.00  10.02   0.33   2.65 1023.03    8.00   2.16  57.60
sdh      258.00  2.00 263936.00   16.00   0.00   0.00   0.00   0.00   9.66   0.50   2.49 1023.01    8.00   2.22  57.60
sdw      257.00  1.00 262912.00  128.00   0.00   0.00   0.00   0.00   9.68   1.00   2.49 1023.00  128.00   2.22  57.30
sdi      256.00  3.00 261888.00   32.00   0.00   0.00   0.00   0.00   9.50   0.33   2.43 1023.00   10.67   2.20  56.90
sdv      260.00  9.00 265984.00   72.00   0.00   0.00   0.00   0.00   9.95   0.44   2.59 1023.02    8.00   2.10  56.40
sdk      264.00  2.00 269064.00   16.00   0.00   0.00   0.00   0.00   9.91   0.50   2.62 1019.18    8.00   2.11  56.10
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         431         466           7          92         545
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid      142984       1  0 Jan27 ?        00:04:27 asm_pmon_+ASM3
oracle    143632       1  0 Jan27 ?        00:26:05 ora_pmon_cdb2ope3
root     4079402 4078801  0 09:42 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root     4079404 4079402  0 09:42 pts/0    00:00:00 grep pmon
```

Estado del Servidor srvdbo15

Informe del servidor srvdbo15

Información del Servidor

```
   Static hostname: srvdbo15
         Icon name: computer-server
           Chassis: server
        Machine ID: 7168d516b8734475b65c955f4bdc706c
           Boot ID: 2d60325fc506464b903c4c7cabc75bbe
  Operating System: Oracle Linux Server 8.7
       CPE OS Name: cpe:/o:oracle:linux:8:7:server
            Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
      Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Wed Feb 26 09:20   still logged in
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
```

Información del Procesamiento del Servidor

```
top - 09:42:58 up 29 days, 18:23,  2 users,  load average: 2.79, 3.39, 3.49
Tasks: 2931 total,   4 running, 2926 sleeping,   0 stopped,   1 zombie
%Cpu(s):  2.0 us,  0.6 sy,  0.0 ni, 97.0 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014539.+total, 287365.2 free, 444266.7 used, 282907.9 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 558091.8 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
2586470 oracle  20   0  157.1g 215664 131004 R 100.0   0.0  90:04.35 oracle_+
```


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```
3618336 oracle   20   0  157.0g 108168  96596 S  42.9   0.0   0:05.96 oracle_+
3618338 oracle   20   0  157.0g 107664  95860 S  38.1   0.0   0:06.34 oracle_+
3618340 oracle   20   0  157.0g 107792  96204 R  38.1   0.0   0:06.10 oracle_+
3618649 root     20   0   68684   8212   4212 R  28.6   0.0   0:00.12 top
2855260 oracle   20   0  157.3g 386272 131388 S   9.5   0.0   1755:05 ora_p00+
  12311 root     20   0 1235856  12944   9348 S   4.8   0.0 302:50.42 ragenti+
  23487 grid     20   0 1130992  48084  28224 S   4.8   0.0  85:02.65 gpnpd.b+
```

El uso promedio del procesamiento del servidor es del 3.00%.

Información del Espacio del Servidor

```
Filesystem            Size  Used Avail Use% Mounted on
devtmpfs              496G     0  496G   0% /dev
tmpfs                 496G  5.7G  490G   2% /dev/shm
tmpfs                 496G  836M  495G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  7.1G   43G  15% /
/dev/mapper/srvdbo-var    20G   13G  7.2G  65% /var
/dev/mapper/srvdbo-home   50G  533M   50G   2% /home
/dev/sda2                2.0G  476M  1.6G  24% /boot
/dev/mapper/srvdbo-tmp    20G  198M   20G   1% /tmp
/dev/mapper/srvdbo-u01   500G  479G   22G  96% /u01
/dev/sda1                2.0G  5.1M  2.0G   1% /boot/efi
tmpfs                 100G     0  100G   0% /run/user/54324
tmpfs                 100G     0  100G   0% /run/user/54321
```

La partición '/u01' tiene un uso del 96%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

```
[root@srvdbo15 trace]# df -hh
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  5.7G  490G   2% /dev/shm
tmpfs                     496G  836M  495G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  7.1G   43G  15% /
/dev/mapper/srvdbo-var     20G   13G  7.2G  64% /var
/dev/mapper/srvdbo-home    50G  533M   50G   2% /home
/dev/sda2                 2.0G  476M  1.6G  24% /boot
/dev/mapper/srvdbo-tmp     20G  186M   20G   1% /tmp
/dev/mapper/srvdbo-u01    500G  273G  228G  55% /u01
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
tmpfs                     100G     0  100G   0% /run/user/54324
tmpfs                     100G     0  100G   0% /run/user/54321
```

Se realiza la recuperación del espacio

Información de utilización de los discos

```
sdk     243.00   48.00 242353.50  3017.50     0.00     6.00   0.00  11.11   3.24   0.50   0.81   997.34    62.86   1.49  43.50
sdv     240.00   34.00 245568.00  2741.50     0.00     3.00   0.00   8.11   3.40   0.50   0.83  1023.20    80.63   1.50  41.20
sdn     228.00   10.00 233280.00  4152.00     0.00     6.00   0.00  37.50   3.54   1.30   0.82  1023.16   415.20   1.69  40.30
sdj     227.00    2.00 232336.00    16.00     1.00     0.00   0.44   0.00   3.52   0.00   0.80  1023.51     8.00   1.75  40.00
sdw     241.00    4.00 245584.00    32.00     0.00     0.00   0.00   0.00   3.28   0.50   0.79  1019.02     8.00   1.62  39.80
sdm     236.00   11.00 241472.00  4144.00     0.00     7.00   0.00  38.89   3.28   1.09   0.79  1023.19   376.73   1.60  39.60
sdi     233.00    2.00 237136.00    16.00     0.00     0.00   0.00   0.00   3.33   0.50   0.78  1017.75     8.00   1.68  39.50
sdh     234.00    3.00 237408.00  4096.00     0.00     3.00   0.00  50.00   3.31   2.67   0.78  1014.56  1365.33   1.67  39.50
sdl     234.00    3.00 241392.00    24.00     2.00     0.00   0.85   0.00   3.44   0.33   0.80  1031.59     8.00   1.66  39.30
sdy     240.00    1.00 245568.00     8.00     0.00     0.00   0.00   0.00   3.21   1.00   0.77  1023.20     8.00   1.63  39.20
```


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Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	433	280	6	276	544
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

```
grid     30474     1  0 Jan27 ?        00:03:43 asm_pmon_+ASM4
oracle   31205     1  0 Jan27 ?        00:24:57 ora_pmon_cdb2ope4
root    3618679 3618659  0 09:42 ?        00:00:00 sh -c /bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p
$(/bin/pgrep -f pmon) | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ohasd.bin') | grep -v no-headers;/bin/ps --no-headers -o user,pid,ppid,c,stime,tty,time,cmd -p $(/bin/pgrep -f
'ocssd.bin') | grep -v no-headers;
root    3618697 3618573  0 09:42 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root    3618699 3618697  0 09:42 pts/0    00:00:00 grep pmon
```

1.2.5 Contenedor OPE3

Estado del Servidor srvdbo04

Informe del servidor srvdbo04

Información del Servidor

```
  Static hostname: srvdbo04
        Icon name: computer-server
          Chassis: server
       Machine ID: 718fb70de33d480a8c7aabad93b71266
          Boot ID: 238aac7b6e99416cb665bfd287d4fb5d
Operating System: Oracle Linux Server 8.7
     CPE OS Name: cpe:/o:oracle:linux:8:7:server
          Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
    Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/2        172.28.3.27      Wed Feb 26 09:47 - 10:09  (00:22)
oracle   pts/1        172.28.3.27      Wed Feb 26 09:34   still logged in
usrveeam pts/1        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 04:40 - 04:40  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 04:40 - 04:40  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 00:40 - 00:40  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 00:40 - 00:40  (00:00)
usrveeam pts/1        172.28.251.99    Tue Feb 25 23:00 - 23:00  (00:00)
usrveeam pts/1        172.28.251.99    Tue Feb 25 20:40 - 20:40  (00:00)
```

Información del Procesamiento del Servidor

```
top - 11:42:06 up 28 days, 20:26,  2 users,  load average: 5.68, 6.40, 6.59
Tasks: 3092 total,   6 running, 3082 sleeping,   0 stopped,   4 zombie
%Cpu(s):  3.9 us,  0.7 sy,  0.0 ni, 95.0 id,  0.0 wa,  0.1 hi,  0.3 si,  0.0 st
MiB Mem : 1014923.+total, 433218.1 free, 442611.7 used, 139093.8 buff/cache
MiB Swap:  61036.0 total,  61036.0 free,      0.0 used. 560400.3 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
1581381 oracle   20   0  204.1g 138052 115092 R 100.0   0.0   1:44.09 oracle_+
1581385 oracle   20   0  204.1g 146308 118680 R 100.0   0.0   0:50.18 oracle_+
1584731 oracle   20   0  204.1g 116356 100056 R 100.0   0.0   0:05.37 oracle_+
1646747 oracle   20   0  203.6g 183864 113232 R  59.1   0.0   1251:50 ora_gcr+
  28809 oracle   20   0  204.0g 110188  94484 S  36.4   0.0  14949:14 ora_lmd+
2269930 oracle   20   0  204.5g 558724 105152 S  36.4   0.1   3523:33 ora_j00+
  29345 oracle   20   0  203.7g 289772 145424 S  31.8   0.0   3585:26 ora_ppa+
  51926 oracle   20   0  204.1g 225176 161548 S  31.8   0.0 100:20.01 ora_m00+
```

El uso promedio del procesamiento del servidor es del 5.00%.

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Información del Espacio del Servidor

```
Filesystem            Size  Used Avail Use% Mounted on
devtmpfs              496G     0  496G   0% /dev
tmpfs                 496G  4.4G  492G   1% /dev/shm
tmpfs                 496G  1.9G  494G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root  47G   47G  346M 100% /
/dev/sda2             1.9G  514M  1.4G  28% /boot
/dev/mapper/srvdbo-home  47G  369M   47G   1% /home
/dev/sda1             952M  5.1M  947M   1% /boot/efi
/dev/mapper/srvdbo-var   19G   16G  3.4G  83% /var
/dev/mapper/srvdbo-u01  466G  295G  171G  64% /u01
tmpfs                 100G     0  100G   0% /run/user/54324
tmpfs                 100G     0  100G   0% /run/user/54322
/dev/asm/exp_imp-258  2.0T  315G  1.7T  16% /exp
tmpfs                 100G     0  100G   0% /run/user/54321
```

La partición '/' tiene un uso del 100% y La partición '/var' tiene un uso del 83%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

```
Filesystem            Size  Used Avail Use% Mounted on
devtmpfs              496G     0  496G   0% /dev
tmpfs                 496G  4.4G  492G   1% /dev/shm
tmpfs                 496G  1.9G  494G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   47G  7.1G   40G  16% /
/dev/sda2             1.9G  514M  1.4G  28% /boot
/dev/mapper/srvdbo-home   47G  369M   47G   1% /home
/dev/sda1             952M  5.1M  947M   1% /boot/efi
/dev/mapper/srvdbo-var    19G  1.9G   17G  10% /var
/dev/mapper/srvdbo-u01   466G  295G  171G  64% /u01
tmpfs                 100G     0  100G   0% /run/user/54324
tmpfs                 100G     0  100G   0% /run/user/54322
/dev/asm/exp_imp-258  2.0T  315G  1.7T  16% /exp
tmpfs                 100G     0  100G   0% /run/user/54321
```

Se realiza la recuperación del espacio

Información de utilización de los discos

```
sds      25.00 2103.00  224.00 3631.00  0.00  40.00 0.00 1.87  0.56  0.31 0.67  8.96  1.73 0.43 91.00
sdp       0.00 2085.00    0.00 3415.00  0.00  40.00 0.00 1.88  0.00  0.33 0.69  0.00  1.64 0.43 89.20
sdl      94.94  340.69 6919.12 6820.14  1.87  10.91 1.93 3.10  0.74  1.49 0.58 72.88 20.02 0.49 21.15
sdg      95.78  340.12 6899.96 6795.25  1.86  10.90 1.90 3.10  0.73  4.33 1.54 72.04 19.98 0.48 20.89
sds      91.68  337.96 6841.65 6786.70  1.83  10.85 1.96 3.11  0.72  2.97 1.07 74.63 20.08 0.48 20.77
sdh      91.12  341.01 6820.69 6783.67  1.84  10.88 1.98 3.09  0.72  3.16 1.14 74.86 19.89 0.48 20.70
sdk      90.62  337.83 6786.21 6773.77  1.86  10.78 2.01 3.09  0.73  0.55 0.25 74.88 20.05 0.48 20.45
sdq       0.67   83.18  518.55 4756.23  0.01  10.99 1.85 11.67 3.78  0.54 0.05 774.57 57.18 1.25 10.46
sdi       1.57   81.84  532.26 4732.29  0.01  10.88 0.79 11.73 1.85  0.54 0.05 338.17 57.82 1.24 10.35
sdr       0.74   82.25  518.87 4750.79  0.01  10.92 1.69 11.72 3.48  0.54 0.05 705.09 57.76 1.25 10.33
```

Información de la Memoria RAM del Servidor

```
              total        used        free      shared  buff/cache   available
Mem:            991         432         423           6         135         547
Swap:            59           0          59
```

Servicios de las Bases de Datos del Servidor

```
grid     28055     1  0 Jan28 ?        00:04:21 asm_pmon_+ASM1
grid     28364     1  0 Jan28 ?        00:04:29 apx_pmon_+APX1
oracle   28595     1  0 Jan28 ?        00:26:00 ora_pmon_cdb3ope1
root   1591494 1591451  0 11:42 pts/1    00:00:00 /bin/sh -c ps -fea | grep pmon
root   1591496 1591494  0 11:42 pts/1    00:00:00 grep pmon
```


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Servicio de Listener de los Nodos de BD

Listener LISTENER is enabled
Listener LISTENER is running on node(s): srvdbo13,srvdbo04,srvdbo05

Estado General del Listener de las BD

LSNRCTL for Linux: Version 21.0.0.0.0 - Production on 26-FEB-2025 11:42:08

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Connecting to (ADDRESS=(PROTOCOL=tcp)(HOST=)(PORT=1521))
STATUS of the LISTENER

Alias LISTENER
Version TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date 28-JAN-2025 15:27:38
Uptime 28 days 20 hr. 14 min. 29 sec
Trace Level off
Security ON: Local OS Authentication
SNMP OFF
Listener Parameter File /u01/app/product/21.0.0/grid/network/admin/listener.ora
Listener Log File /u01/app/grid/diag/tnslsnr/srvdbo04/listener/alert/log.xml
Listening Endpoints Summary...
(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.199)(PORT=1521)))
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.247)(PORT=1521)))
Services Summary...
Service "+APX" has 1 instance(s).
Instance "+APX1", status READY, has 1 handler(s) for this service...
Service "+ASM" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_DATA" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_EXP" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_FRA" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "+ASM_VOTE" has 1 instance(s).
Instance "+ASM1", status READY, has 1 handler(s) for this service...
Service "60ccb670470114b8e05399121cac21a2" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "60dd71446f951361e05398121cac6ef2" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "60f544f5e80d32e5e05307121cac4951" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "6145c2ed1a70e20be05399121cacce18" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "61ea59aa96747d59e05307121cac0670" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "999806e5d70ce2dde05307121cac734f" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "bioapolo" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "cdb3ope" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "cdb3ope_CFG" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "cnp" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "dbmud" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "fd9ac20f64d344d7e043b6a9e80a2f2f" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "lynx" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "polfa" has 1 instance(s).
Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
Service "secad" has 1 instance(s).

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Instance "cdb3ope1", status READY, has 1 handler(s) for this service...
The command completed successfully

Estado General del Cluster de las BD

```
--------------------------------------------------------------------------------
Name           Target  State        Server                   State details
--------------------------------------------------------------------------------
Local Resources
--------------------------------------------------------------------------------
ora.DG_EXP.EXP_IMP.advm
               ONLINE  ONLINE       srvdbo04                 STABLE
               ONLINE  ONLINE       srvdbo05                 STABLE
               ONLINE  ONLINE       srvdbo13                 STABLE
ora.LISTENER.lsnr
               ONLINE  ONLINE       srvdbo04                 STABLE
               ONLINE  ONLINE       srvdbo05                 STABLE
               ONLINE  ONLINE       srvdbo13                 STABLE
ora.chad
               ONLINE  ONLINE       srvdbo04                 STABLE
               ONLINE  ONLINE       srvdbo05                 STABLE
               ONLINE  OFFLINE      srvdbo13                 STABLE
ora.dg_exp.exp_imp.acfs
               ONLINE  ONLINE       srvdbo04                 mounted on /exp,STAB
                                                             LE
               ONLINE  ONLINE       srvdbo05                 mounted on /exp,STAB
                                                             LE
               ONLINE  ONLINE       srvdbo13                 mounted on /exp,STAB
                                                             LE
ora.net1.network
               ONLINE  ONLINE       srvdbo04                 STABLE
               ONLINE  ONLINE       srvdbo05                 STABLE
               ONLINE  ONLINE       srvdbo13                 STABLE
ora.ons
               ONLINE  ONLINE       srvdbo04                 STABLE
               ONLINE  ONLINE       srvdbo05                 STABLE
               ONLINE  ONLINE       srvdbo13                 STABLE
ora.proxy_advm
               ONLINE  ONLINE       srvdbo04                 STABLE
               ONLINE  ONLINE       srvdbo05                 STABLE
               ONLINE  ONLINE       srvdbo13                 STABLE
--------------------------------------------------------------------------------
Cluster Resources
--------------------------------------------------------------------------------
ora.ASMNET1LSNR_ASM.lsnr(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo04                 STABLE
     2         ONLINE  ONLINE       srvdbo05                 STABLE
     3         ONLINE  ONLINE       srvdbo13                 STABLE
ora.DG_DATA.dg(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo04                 STABLE
     2         ONLINE  ONLINE       srvdbo05                 STABLE
     3         ONLINE  ONLINE       srvdbo13                 STABLE
ora.DG_EXP.dg(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo04                 STABLE
     2         ONLINE  ONLINE       srvdbo05                 STABLE
     3         ONLINE  ONLINE       srvdbo13                 STABLE
ora.DG_FRA.dg(ora.asmgroup)
     1         ONLINE  ONLINE       srvdbo04                 STABLE
     2         ONLINE  ONLINE       srvdbo05                 STABLE
     3         ONLINE  ONLINE       srvdbo13                 STABLE
ora.LISTENER_SCAN1.lsnr
     1         ONLINE  ONLINE       srvdbo05                 STABLE
ora.LISTENER_SCAN2.lsnr
     1         ONLINE  ONLINE       srvdbo04                 STABLE
ora.LISTENER_SCAN3.lsnr
     1         ONLINE  ONLINE       srvdbo13                 STABLE
ora.MGMTLSNR
     1         ONLINE  ONLINE       srvdbo13                 169.254.1.4 11.10.18
                                                             .213,STABLE
```


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```
ora.VOTE.dg(ora.asmgroup)
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo05                 STABLE
    3        ONLINE  ONLINE       srvdbo13                 STABLE
ora.asm(ora.asmgroup)
    1        ONLINE  ONLINE       srvdbo04                 Started,STABLE
    2        ONLINE  ONLINE       srvdbo05                 Started,STABLE
    3        ONLINE  ONLINE       srvdbo13                 Started,STABLE
ora.asmnet1.asmnetwork(ora.asmgroup)
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo05                 STABLE
    3        ONLINE  ONLINE       srvdbo13                 STABLE
ora.cdb3ope.bioapolo.pdb
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo13                 STABLE
    3        ONLINE  ONLINE       srvdbo05                 STABLE
ora.cdb3ope.cnp.pdb
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo13                 STABLE
    3        ONLINE  ONLINE       srvdbo05                 STABLE
ora.cdb3ope.db
    1        ONLINE  ONLINE       srvdbo04                 Open,HOME=/u01/app/p
                                                           roduct/21.0.0/dbhome
                                                           _1,STABLE
    2        ONLINE  ONLINE       srvdbo05                 Open,HOME=/u01/app/p
                                                           roduct/21.0.0/dbhome
                                                           _1,STABLE
    3        ONLINE  ONLINE       srvdbo13                 Open,HOME=/u01/app/p
                                                           roduct/21.0.0/dbhome
                                                           _1,STABLE
ora.cdb3ope.dbmud.pdb
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo13                 STABLE
    3        ONLINE  ONLINE       srvdbo05                 STABLE
ora.cdb3ope.lynx.pdb
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo13                 STABLE
    3        ONLINE  ONLINE       srvdbo05                 STABLE
ora.cdb3ope.polfa.pdb
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo13                 STABLE
    3        ONLINE  ONLINE       srvdbo05                 STABLE
ora.cdb3ope.secad.pdb
    1        ONLINE  ONLINE       srvdbo04                 STABLE
    2        ONLINE  ONLINE       srvdbo13                 STABLE
    3        ONLINE  ONLINE       srvdbo05                 STABLE
ora.cdp1.cdp
    1        ONLINE  ONLINE       srvdbo05                 STABLE
ora.cdp2.cdp
    1        ONLINE  ONLINE       srvdbo04                 STABLE
ora.cdp3.cdp
    1        ONLINE  ONLINE       srvdbo13                 STABLE
ora.cvu
    1        ONLINE  ONLINE       srvdbo13                 STABLE
ora.mgmtdb
    1        ONLINE  ONLINE       srvdbo13                 Open,STABLE
ora.qosmserver
    1        ONLINE  ONLINE       srvdbo05                 STABLE
ora.scan1.vip
    1        ONLINE  ONLINE       srvdbo05                 STABLE
ora.scan2.vip
    1        ONLINE  ONLINE       srvdbo04                 STABLE
ora.scan3.vip
    1        ONLINE  ONLINE       srvdbo13                 STABLE
ora.srvdbo04.vip
    1        ONLINE  ONLINE       srvdbo04                 STABLE
ora.srvdbo05.vip
    1        ONLINE  ONLINE       srvdbo05                 STABLE
```


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```
ora.srvdbo13.vip
      1        ONLINE  ONLINE       srvdbo13                 STABLE
ora.stby4ope.db
      1        OFFLINE OFFLINE                               Instance Shutdown,ST
                                                             ABLE
```

Estado de los Agentes del Listener de las BD

```
CRS-4638: Oracle High Availability Services is online
CRS-4537: Cluster Ready Services is online
CRS-4529: Cluster Synchronization Services is online
CRS-4533: Event Manager is online
```

Estado del Data Guard de la Base de Datos adm3stby (cdb3ope1)

```
ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1
DGMGRL for Linux: Release 21.0.0.0.0 - Production on Wed Feb 26 11:42:10 2025
Version 21.15.0.0.0

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Welcome to DGMGRL, type "help" for information.
DGMGRL> Connected to "cdb3ope"
Connected as SYSDG.
DGMGRL>
Database - ope3stby

  Role:              PHYSICAL STANDBY
  Intended State:    APPLY-ON
  Transport Lag:     3 minutes 39 seconds (computed 1 second ago)
  Apply Lag:         3 minutes 59 seconds (computed 1 second ago)
  Average Apply Rate:  14.29 MByte/s
  Real Time Query:   OFF
  Instance(s):
    ope3stby1
    ope3stby2 (apply instance)

Database Status:
DGM-17016: failed to retrieve status for database "ope3stby"
ORA-16662: network timeout when contacting a member

DGMGRL> DGMGRL> DGMGRL> DGMGRL> DGMGRL>
```

Estado de los Pluggable Databases (cdb3ope1)

```
ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1

    CON_ID CON_NAME                       OPEN MODE  RESTRICTED
---------- ------------------------------ ---------- ----------
         2 PDB$SEED                       READ ONLY  NO
         4 LYNX                           READ WRITE NO
         5 CNP                            READ WRITE NO
         6 DBMUD                          READ WRITE NO
         7 POLFA                          READ WRITE NO
         8 BIOAPOLO                       READ WRITE NO
         9 SECAD                          READ WRITE NO
```

Respaldo de los últimos 5 días del contenedor (cdb3ope1)

```
ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1
```


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START_TIME	STATUS	TIME_HR	IN_TB	OUT_TB	OUTPUT_DEVICE_TYP	INPUT_TYPE
26-02-2025 01:00:21	COMPLETED		2.2	2.61556512	.806018844 DISK	ARCHIVELOG
25-02-2025 01:00:28		3.4	6.7070635	1.63756563	DISK	DB FULL COMPLETED
24-02-2025 01:00:18	COMPLETED		1.8	2.16564256	.672924072 DISK	ARCHIVELOG
23-02-2025 01:00:20	COMPLETED		2.2	2.53427392	.777393371 DISK	ARCHIVELOG
22-02-2025 01:00:21		3.3	6.55246335	1.59097579	DISK	DB FULL COMPLETED

Espacio en ASM del contenedor (cdb3ope1)

ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1

Group Number	NAME	TYPE	STATE	Total (GB)	Free (GB)	Used (%)
1	DG_DATA	EXTERN	CONNECTED	10,240	1,045	90
2	DG_FRA	EXTERN	CONNECTED	10,240	8,438	18
3	VOTE	HIGH	MOUNTED	150	74	51
4	DG_EXP	EXTERN	MOUNTED	2,048	24	99

Espacio y uso de los Tablespace, mayor al 85% de la base de datos LYNX

ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
SYSAUX	30	32	95.03
UNDO_3	9	10	91.92
USR_SIDCAR_INS_DATA	235	256	91.92
USR_SIDCAR_DATA	85	96	88.69

Espacio y uso de los Tablespace, mayor al 85% de la base de datos CNP

ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
SYSAUX	29	32	90.23
CNP_DATA	224	256	87.55

Espacio y uso de los Tablespace, mayor al 85% de la base de datos DBMUD

ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

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ORACLE_SID: cdb3ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
DATOS_MUD	731	800	91.4
SYSAUX	7	8	90.69
DATOS_MAD	679	768	88.43

Espacio y uso de los Tablespace, mayor al 85% de la base de datos POLFA

ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1

Session altered.

no rows selected

Espacio y uso de los Tablespace, mayor al 85% de la base de datos BIOAPOLO

ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
WSAPOLO_DATA	377	416	90.71

Espacio y uso de los Tablespace, mayor al 85% de la base de datos SECAD

ORACLE_SID=cdb3ope1
ORACLE_HOME=/u01/app/product/21.0.0/dbhome_1

ORACLE_SID: cdb3ope1

Session altered.

TABLESPACE_NAME	USED (GB)	TOTAL (GB)	USED %
USRCAD_TAB	453	480	94.47

Estado del Servidor srvdbo05

Informe del servidor srvdbo05

Información del Servidor

Static hostname: srvdbo05
Icon name: computer-server
Chassis: server
Machine ID: 432c0c34f6e4488a9b9d4efac96a6d30
Boot ID: 5448b9aac6b34838baca76cd82c85b68
Operating System: Oracle Linux Server 8.7
CPE OS Name: cpe:/o:oracle:linux:8:7:server
Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
Architecture: x86-64

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Usuarios que han iniciado sesión en el servidor

```
oracle   pts/1        172.28.3.27      Wed Feb 26 09:34   still logged in
usrveeam pts/1        172.28.251.99    Wed Feb 26 08:39 - 08:39  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 08:39 - 08:39  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 04:39 - 04:39  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 04:39 - 04:39  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 00:39 - 00:39  (00:00)
usrveeam pts/1        172.28.251.99    Wed Feb 26 00:39 - 00:39  (00:00)
usrveeam pts/1        172.28.251.99    Tue Feb 25 23:00 - 23:00  (00:00)
usrveeam pts/1        172.28.251.99    Tue Feb 25 20:38 - 20:38  (00:00)
usrveeam pts/1        172.28.251.99    Tue Feb 25 20:38 - 20:38  (00:00)
```

Información del Procesamiento del Servidor

```
top - 09:44:27 up 107 days, 54 min,  2 users,  load average: 6.24, 6.84, 7.12
Tasks: 3111 total,   6 running, 3101 sleeping,   0 stopped,   4 zombie
%Cpu(s):  2.8 us,  0.9 sy,  0.0 ni, 95.9 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014539.+total,  12877.3 free, 437914.6 used, 563747.8 buff/cache
MiB Swap:  65536.0 total,  61248.5 free,   4287.5 used. 565395.0 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
  26908 oracle    20   0  204.6g 195740 140696 R 100.0   0.0 747:55.98 ora_p00+
1479844 oracle    20   0  204.6g 170844 137300 R 100.0   0.0  23772:05 ora_p00+
1872002 oracle    20   0  205.0g 448208 113032 R 100.0   0.0  72:13.31 oracle_+
2080783 root      20   0   68808   8280   4272 R  25.0   0.0   0:00.10 top
2050519 oracle    20   0  204.6g 124544 112184 S  20.0   0.0   3:22.23 oracle_+
2735549 root      20   0   10.7g 340236      0 S  20.0   0.0 19635:45 ragent
  25737 oracle    20   0  204.5g 113888  97180 S  15.0   0.0 14736:45 ora_lmd+
  25767 oracle    20   0  204.5g  76896  71636 S  10.0   0.0  5680:56 ora_lck+
```

El uso promedio del procesamiento del servidor es del 4.10%.

Información del Espacio del Servidor

```
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  4.9G  491G   1% /dev/shm
tmpfs                     496G  4.1G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  7.3G   43G  15% /
/dev/mapper/srvdbo-home    50G  478M   50G   1% /home
/dev/sda2                 2.0G  523M  1.5G  26% /boot
/dev/mapper/srvdbo-tmp     20G  203M   20G   1% /tmp
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/DBOPE3_BACKUP.1p1  9.1T  5.5T  3.1T  65% /bkp
/dev/mapper/srvdbo-u01    500G  408G   93G  82% /u01
/dev/mapper/srvdbo-var     20G   13G  7.3G  64% /var
tmpfs                     100G     0  100G   0% /run/user/54381
/dev/mapper/DBOPE3_BACKUP.2p1  9.1T   14G  9.1T   1% /bkp2
/dev/asm/exp_imp-258      2.0T  315G  1.7T  16% /exp
tmpfs                     100G     0  100G   0% /run/user/54321
[172.22.91.240]:/FS-HyperV  1.7P  774T  889T  47% /mnt/Veeam/{496f7560-bd0c-477e-a17c-d2e997c0a089}
```

La partición '/u01' tiene un uso del 82%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

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```
Filesystem                      Size  Used Avail Use% Mounted on
devtmpfs                        496G     0  496G   0% /dev
tmpfs                           496G  4.9G  491G   1% /dev/shm
tmpfs                           496G  4.1G  492G   1% /run
tmpfs                           496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root          50G  7.3G   43G  15% /
/dev/mapper/srvdbo-home          50G  478M   50G   1% /home
/dev/sda2                       2.0G  523M  1.5G  26% /boot
/dev/mapper/srvdbo-tmp           20G  190M   20G   1% /tmp
/dev/sda1                       2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/DBOPE3_BACKUP.1p1   9.1T  5.5T  3.1T  65% /bkp
/dev/mapper/srvdbo-u01          500G  339G  162G  68% /u01
/dev/mapper/srvdbo-var           20G   13G  7.3G  64% /var
tmpfs                           100G     0  100G   0% /run/user/54381
/dev/mapper/DBOPE3_BACKUP.2p1   9.1T   14G  9.1T   1% /bkp2
/dev/asm/exp_imp-258            2.0T  315G  1.7T  16% /exp
tmpfs                           100G     0  100G   0% /run/user/54321
```

Se realiza la recuperación del espacio

Información de utilización de los discos

```
sdl      77.86 116.79 7473.60 3193.56  2.58  2.04 3.21 1.72  0.77 3.28 0.44  95.99 27.34 0.56 10.97
sdg      78.11 116.39 7440.53 3176.88  2.55  2.02 3.16 1.70  0.77 1.64 0.25  95.26 27.29 0.56 10.89
sds      74.09 116.57 7380.63 3163.69  2.67  2.04 3.48 1.72  0.78 1.56 0.24  99.62 27.14 0.57 10.85
sdh      75.49 115.96 7373.89 3163.47  2.63  2.00 3.37 1.69  0.78 0.04 0.06  97.67 27.28 0.56 10.81
sdk      74.18 115.63 7369.07 3165.38  2.61  2.01 3.39 1.71  0.78 2.91 0.39  99.35 27.38 0.56 10.57
sdi       4.39  11.35 6158.72 2189.19  2.65  1.99 37.65 14.92 7.96 0.80 0.04 1401.49 192.81 2.48 3.90
sdm       3.66  11.60 6146.21 2177.38  2.65  2.02 42.02 14.82 9.47 0.81 0.04 1678.33 187.63 2.54 3.87
sdr       3.76  10.99 6146.79 2180.82  2.65  2.01 41.41 15.44 9.25 0.82 0.04 1636.69 198.40 2.57 3.80
sdp       3.62  11.20 6146.14 2197.40  2.65  2.02 42.31 15.26 9.58 0.82 0.04 1698.80 196.17 2.57 3.80
sdq       3.59   9.85 6145.86 2166.85  2.65  1.95 42.50 16.56 9.64 0.88 0.04 1711.51 220.05 2.72 3.66
```

Información de la Memoria RAM del Servidor

```
        total        used        free      shared  buff/cache   available
Mem:          990         427          12           5         550         552
Swap:          63           4          59
```

Servicios de las Bases de Datos del Servidor

```
grid     24348     1  0 2024 ?        00:14:40 asm_pmon_+ASM2
grid     24585     1  0 2024 ?        00:14:29 apx_pmon_+APX2
oracle   25501     1  0 2024 ?        01:22:32 ora_pmon_cdb3ope2
root   2081090 2080215  0 09:44 pts/1    00:00:00 /bin/sh -c ps -fea | grep pmon
root   2081093 2081090  0 09:44 pts/1    00:00:00 grep pmon
```

Estado del Servidor srvdbo13

Informe del servidor srvdbo13

Información del Servidor

```
   Static hostname: srvdbo13
         Icon name: computer-server
           Chassis: server
        Machine ID: d2c41689970e485fbf0e2d8190de1458
           Boot ID: 77111bf2f8f94036936e53a093fe85e4
  Operating System: Oracle Linux Server 8.7
       CPE OS Name: cpe:/o:oracle:linux:8:7:server
            Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
      Architecture: x86-64
```

Usuarios que han iniciado sesión en el servidor

```
oracle   pts/0        172.28.3.27      Wed Feb 26 09:37   still logged in
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 08:40 - 08:40  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
```


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```
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
usrveeam pts/0        172.28.251.99    Wed Feb 26 07:02 - 07:02  (00:00)
```

Información del Procesamiento del Servidor

```
top - 09:45:06 up 159 days, 20:46,  1 user,  load average: 4.47, 5.15, 5.27
Tasks: 3179 total,   6 running, 3170 sleeping,   0 stopped,   3 zombie
%Cpu(s):  3.0 us,  0.7 sy,  0.0 ni, 95.8 id,  0.0 wa,  0.2 hi,  0.3 si,  0.0 st
MiB Mem : 1014539.+total, 340830.7 free, 442547.1 used, 231162.0 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 557087.2 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
3182291 oracle    20   0  204.6g 134668 116984 R 104.3   0.0   0:43.29 oracle_+
3189608 oracle    20   0  204.6g 106960  96964 R 104.3   0.0   0:00.84 oracle_+
1363341 root     -30   0 1885492 453760 117212 S  65.2   0.0  15828:52 osysmon+
2032297 oracle    20   0  204.5g 133728 122080 S  43.5   0.0 144:03.86 ora_j00+
3189628 root      20   0   68936   8224   4212 R  39.1   0.0   0:00.17 top
3082833 oracle    20   0  204.5g 123732 108000 S  30.4   0.0  25145:29 ora_lmd+
3184809 oracle    20   0  204.6g 106284  95348 S  30.4   0.0   0:18.95 oracle_+
 484554 root      20   0 1765656  41256  10112 S  26.1   0.0   3559:04 ragentc+
```

El uso promedio del procesamiento del servidor es del 4.20%.

Información del Espacio del Servidor

```
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  5.1G  491G   2% /dev/shm
tmpfs                     496G  4.1G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  7.1G   43G  15% /
/dev/mapper/srvdbo-tmp     20G  191M   20G   1% /tmp
/dev/sda2                 2.0G  523M  1.5G  26% /boot
/dev/mapper/srvdbo-var     20G   17G  3.6G  83% /var
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-home    50G  391M   50G   1% /home
/dev/mapper/srvdbo-u01    500G  398G  103G  80% /u01
/dev/mapper/DBOPE3_BACKUP.2p1  9.1T   14G  9.1T   1% /bkp
/dev/asm/exp_imp-258      2.0T  315G  1.7T  16% /exp
tmpfs                     100G     0  100G   0% /run/user/54321
[172.22.91.239]:/FS-OracleDB  820T  194T  626T  24% /mnt/Veeam/{da8e6229-92cb-412c-a1f1-8295bf4621ea}
[172.22.91.240]:/FS-HyperV    1.7P  774T  889T  47% /mnt/Veeam/{6b413b21-bf19-4546-9402-3ef898883347}
```

La partición '/var' tiene un uso del 83%. Se procederá a revisar el espacio disponible y realizar depuración del mismo.

```
[root@srvdbo13 crash]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  5.1G  491G   2% /dev/shm
tmpfs                     496G  4.1G  492G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root    50G  7.1G   43G  15% /
/dev/mapper/srvdbo-tmp     20G  180M   20G   1% /tmp
/dev/sda2                 2.0G  523M  1.5G  26% /boot
/dev/mapper/srvdbo-var     20G  2.3G   18G  12% /var
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-home    50G  391M   50G   1% /home
/dev/mapper/srvdbo-u01    500G  397G  103G  80% /u01
/dev/mapper/DBOPE3_BACKUP.2p1  9.1T   14G  9.1T   1% /bkp
/dev/asm/exp_imp-258      2.0T  315G  1.7T  16% /exp
tmpfs                     100G     0  100G   0% /run/user/54321
[root@srvdbo13 crash]#
```

Se realiza la recuperación del espacio

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Información de utilización de los discos

sdl	38.01	134.35	3947.26	3334.64	0.92	2.09	2.37	1.53	1.07	0.92	0.16	103.86	24.82	0.47	8.03
sdg	38.23	134.87	3940.75	3343.80	0.89	2.09	2.28	1.52	1.05	1.21	0.20	103.08	24.79	0.46	7.91
sds	34.85	133.81	3890.75	3325.43	1.07	2.10	2.99	1.55	1.07	0.61	0.12	111.64	24.85	0.46	7.69
sdh	34.00	133.35	3880.14	3325.04	0.94	2.06	2.69	1.52	1.08	1.56	0.24	114.13	24.93	0.45	7.49
sdk	34.09	133.47	3858.05	3334.83	0.99	2.07	2.82	1.53	1.09	2.02	0.31	113.17	24.99	0.45	7.47
sdi	2.08	14.31	790.97	2333.87	0.02	2.04	0.96	12.48	2.29	0.87	0.02	380.55	163.05	1.73	2.84
sdp	1.36	14.98	780.43	2336.61	0.02	2.08	1.47	12.19	3.18	0.85	0.02	574.49	156.02	1.73	2.82
sdm	1.32	14.31	780.25	2330.87	0.02	2.07	1.50	12.67	3.28	0.87	0.02	589.38	162.92	1.76	2.75
sdr	1.39	13.84	780.02	2319.20	0.02	2.05	1.44	12.90	3.26	0.87	0.02	562.79	167.51	1.76	2.67
sdq	1.22	13.91	779.52	2333.61	0.02	2.06	1.63	12.92	3.52	0.87	0.02	640.56	167.82	1.77	2.67

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	432	332	9	225	543
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

```
grid     1364970       1  0  2024 ?        00:22:24 asm_pmon_+ASM3
grid     1365284       1  0  2024 ?        00:22:51 apx_pmon_+APX3
grid     1376559       1  0  2024 ?        00:23:38 ora_pmon_-MGMTDB
oracle   3081862       1  0  2024 ?        01:59:40 ora_pmon_cdb3ope3
root     3189642 3189587  0 09:45 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root     3189644 3189642  0 09:45 pts/0    00:00:00 grep pmon
```


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1.3 Ajustes configuraciones MTU para replicas de BD

La MTU (Unidad Máxima de Transmisión) con Jumbo Frames es una tecnología que optimiza la transferencia de grandes volúmenes de datos, al permitir el envío de paquetes más grandes que los tradicionales de 1500 bytes. Este ajuste reduce significativamente la sobrecarga de procesamiento, minimizando la cantidad de encabezados necesarios para cada transmisión y mejorando la eficiencia general de la red. Además, al aumentar el tamaño de los paquetes, se optimiza la velocidad de transferencia de información, lo que resulta en un rendimiento superior en aplicaciones que requieren el envío de grandes cantidades de datos, como bases de datos o servicios de almacenamiento en la nube.

En este contexto, se procedió a realizar un ajuste en la configuración de la MTU, modificando su valor estándar de 1500 a 9000 bytes. Este cambio se implementó de forma controlada en los diferentes nodos del clúster de base de datos, garantizando una mejora significativa en la comunicación interna entre estos nodos y en la transferencia de datos hacia y desde otros sistemas. Con esta actualización, se busca maximizar el rendimiento del clúster, reducir la latencia y mejorar la eficiencia en el procesamiento de consultas y operaciones de bases de datos de alto volumen.

1.3.1 Contenedor adm1stby

En los servidores **srcdbo07** y **srcdbo08**, que conforman el clúster de base de datos **adm1stby** en el sitio alterno, se realizó el aumento o ajuste de la MTU a 9000. A continuación, se muestra la configuración aplicada, como se puede observar en las siguientes imágenes:

Servidor srcdbo07

```
[oracle@srcdbo07 ~]$ ip a | grep -E "8: bond0:|9: bond1"
8: bond0: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9216 qdisc noqueue state UP group default qlen 1000
9: bond1: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9000 qdisc noqueue state UP group default qlen 1000
```

Servidor srcdbo08

```
[oracle@srcdbo08 ~]$ ip a | grep -E "8: bond0:|9: bond1"
8: bond0: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9216 qdisc noqueue state UP group default qlen 1000
9: bond1: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9000 qdisc noqueue state UP group default qlen 1000
```

Con el anterior ajuste permitirá que la base de datos Oracle 21c, al ser un sistema altamente demandante de recursos, se beneficia del uso de JumboFrames al facilitar la transmisión eficiente de grandes bloques de datos entre servidores. Además, se logra un rendimiento optimizado en redes locales (LAN) y en entornos de clusters de bases de datos, lo cual es crítico para entornos de producción de alta disponibilidad.

Solución de Errores

Se realizo el ajuste en ambos servidores de los parámetros de Maximum locked memory "HARD", Maximum locked memory "SOFT" con un de valor "935353573" en la ruta /etc/security/limits.conf.

```
2025-01-28 22:43:09.739 [CVUD(943141)]CRS-10051: CVU found following errors with Clusterware
Please select a different work area for the framework
PRVF-7532 : Package "nfs-utils-2.3.3-14" is missing on node "srcdbo07"
PRVE-0068 : Maximum locked memory "HARD" limit setting is less than the recommended value in
PRVE-0024 : Transparent HugePages feature is enabled on node "srcdbo07"
AHF-4993: system service rngd is not running

2025-01-30 06:04:23.281 [CVUD(3095933)]CRS-10051: CVU found following errors with Clusterware
Please select a different work area for the framework
PRVF-7532 : Package "nfs-utils-2.3.3-14" is missing on node "srcdbo07"
PRVE-0068 : Maximum locked memory "SOFT" limit setting is less than the recommended value in t
PRVE-0024 : Transparent HugePages feature is enabled on node "srcdbo07"
AHF-4993: system service rngd is not running
```

Log de clúster

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En la siguiente imagen se muestra el log del clúster de bases de datos, en el cual se inician los diferentes servicios de Oracle sin generar errores. Este log detalla de manera precisa cada uno de los pasos que se ejecutan al iniciar los servicios, confirmando que el ajuste realizado en la configuración de la MTU ha sido exitoso y no ha generado inconvenientes durante el proceso de arranque. Los registros reflejan la correcta inicialización de todos los servicios esenciales, incluyendo la base de datos y los componentes asociados, asegurando que el entorno de trabajo esté operativo y libre de fallos.

El hecho de que no se presenten errores en el log es una señal clara de que el sistema está gestionando correctamente los nuevos parámetros de transmisión de datos, lo cual refuerza la efectividad de la configuración de Jumbo Frames. Esta mejora en la red contribuye directamente a la estabilidad del clúster, permitiendo una mayor eficiencia en la transferencia de grandes volúmenes de información entre los nodos, lo que resulta fundamental para mantener la integridad y el rendimiento del sistema en operaciones críticas.

```
2025-01-30 08:07:39.281 [OHASD(3343904)]CRS-8500: Oracle Clusterware OHASD process is starting with operating system process ID 3343904
2025-01-30 08:07:39.337 [OHASD(3343904)]CRS-0714: Oracle Clusterware Release 21.0.0.0.0.
2025-01-30 08:07:39.352 [OHASD(3343904)]CRS-2112: The OLR service started on node srcdbo07.
2025-01-30 08:07:39.491 [OHASD(3343904)]CRS-1301: Oracle High Availability Service started on node srcdbo07.
2025-01-30 08:07:39.492 [OHASD(3343904)]CRS-8017: location: /etc/oracle/lastgasp has 2 reboot advisory log files, 0 were announced and 0 errors occurred
2025-01-30 08:07:40.097 [ORAROOTAGENT(3344001)]CRS-8500: Oracle Clusterware ORAROOTAGENT process is starting with operating system process ID 3344001
2025-01-30 08:07:40.121 [CSSDAGENT(3344025)]CRS-8500: Oracle Clusterware CSSDAGENT process is starting with operating system process ID 3344025
2025-01-30 08:07:40.129 [CSSDMONITOR(3344029)]CRS-8500: Oracle Clusterware CSSDMONITOR process is starting with operating system process ID 3344029
2025-01-30 08:07:40.131 [ORAAGENT(3344011)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 3344011
2025-01-30 08:07:41.014 [ORAAGENT(3344127)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 3344127
2025-01-30 08:07:41.359 [MDNSD(3344149)]CRS-8500: Oracle Clusterware MDNSD process is starting with operating system process ID 3344149
2025-01-30 08:07:41.350 [EVMD(3344151)]CRS-8500: Oracle Clusterware EVMD process is starting with operating system process ID 3344151
2025-01-30 08:07:42.402 [GPNPD(3344192)]CRS-8500: Oracle Clusterware GPNPD process is starting with operating system process ID 3344192
2025-01-30 08:07:43.305 [GPNPD(3344192)]CRS-2328: Grid Plug and Play Daemon(GPNPD) started on node srcdbo07.
2025-01-30 08:07:43.441 [GIPCD(3344266)]CRS-8500: Oracle Clusterware GIPCD process is starting with operating system process ID 3344266
2025-01-30 08:07:44.366 [GIPCD(3344266)]CRS-7517: The Oracle Grid Interprocess Communication (GIPC) failed to identify the Fast Node Death Detection (FNDD).
2025-01-30 08:07:47.381 [OSYSMOND(3344310)]CRS-8500: Oracle Clusterware OSYSMOND process is starting with operating system process ID 3344310
2025-01-30 08:07:47.340 [CSSDMONITOR(3344308)]CRS-8500: Oracle Clusterware CSSDMONITOR process is starting with operating system process ID 3344308
2025-01-30 08:07:47.771 [CSSDAGENT(3344348)]CRS-8500: Oracle Clusterware CSSDAGENT process is starting with operating system process ID 3344348
2025-01-30 08:07:48.212 [OCSSD(3344373)]CRS-8500: Oracle Clusterware OCSSD process is starting with operating system process ID 3344373
2025-01-30 08:07:52.718 [ONMD(3344370)]CRS-8500: Oracle Clusterware ONMD process is starting with operating system process ID 3344370
2025-01-30 08:07:55.176 [ONMD(3344370)]CRS-1707: Lease acquisition for node srcdbo07 number 1 completed
2025-01-30 08:07:56.294 [ONMD(3344370)]CRS-1621: The IPMI configuration data for this node stored in the Oracle registry is incomplete; details at (:CSSNK00005:
2025-01-30 08:07:56.295 [ONMD(3344370)]CRS-1617: The information required to do node kill for node srcdbo07 is incomplete; details at (:CSSNM00004:) in /u01/app
2025-01-30 08:07:56.298 [ONMD(3344370)]CRS-1605: CSSD voting file is online: /dev/oracleasm/disks/DBADM1_OCR_05; details in /u01/app/grid/diag/crs/srcdbo07/crs/
2025-01-30 08:07:56.302 [ONMD(3344370)]CRS-1605: CSSD voting file is online: /dev/oracleasm/disks/DBADM1_OCR_04; details in /u01/app/grid/diag/crs/srcdbo07/crs/
2025-01-30 08:07:56.309 [ONMD(3344370)]CRS-1605: CSSD voting file is online: /dev/oracleasm/disks/DBADM1_OCR_03; details in /u01/app/grid/diag/crs/srcdbo07/crs/
2025-01-30 08:07:56.314 [ONMD(3344370)]CRS-1605: CSSD voting file is online: /dev/oracleasm/disks/DBADM1_OCR_02; details in /u01/app/grid/diag/crs/srcdbo07/crs/
2025-01-30 08:07:56.319 [ONMD(3344370)]CRS-1605: CSSD voting file is online: /dev/oracleasm/disks/DBADM1_OCR_01; details in /u01/app/grid/diag/crs/srcdbo07/crs/
2025-01-30 08:08:06.859 [ONMD(3344370)]CRS-1601: CSSD Reconfiguration complete. Active nodes are srcdbo07 srcdbo08 .
2025-01-30 08:08:07.899 [OCSSD(3344373)]CRS-1720: Cluster Synchronization Services daemon (CSSD) is ready for operation.
2025-01-30 08:08:08.261 [OCTSSD(3344775)]CRS-8500: Oracle Clusterware OCTSSD process is starting with operating system process ID 3344775
2025-01-30 08:08:09.071 [OCTSSD(3344775)]CRS-2403: The Cluster Time Synchronization Service on host srcdbo07 is in observer mode.
2025-01-30 08:08:10.515 [OCTSSD(3344775)]CRS-2407: The new Cluster Time Synchronization Service reference node is host srcdbo07.
2025-01-30 08:08:10.516 [OCTSSD(3344775)]CRS-2401: The Cluster Time Synchronization Service started on host srcdbo07.
2025-01-30 08:08:25.273 [OLOGGERD(3345218)]CRS-8500: Oracle Clusterware OLOGGERD process is starting with operating system process ID 3345218
2025-01-30 08:08:33.532 [CRSD(3345287)]CRS-8500: Oracle Clusterware CRSD process is starting with operating system process ID 3345287
2025-01-30 08:08:36.180 [CRSD(3345287)]CRS-1012: The OCR service started on node srcdbo07.
2025-01-30 08:08:36.279 [CRSD(3345287)]CRS-1201: CRSD started on node srcdbo07.
2025-01-30 08:08:37.524 [ORAAGENT(3345401)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 3345401
2025-01-30 08:08:37.601 [ORAROOTAGENT(3345414)]CRS-8500: Oracle Clusterware ORAROOTAGENT process is starting with operating system process ID 3345414
2025-01-30 08:08:37.672 [ORAAGENT(3345437)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 3345437
2025-01-30 08:08:42.824 [CRSD(3345287)]CRS-2772: Server 'srcdbo07' has been assigned to pool 'Generic'.
2025-01-30 08:08:42.825 [CRSD(3345287)]CRS-2772: Server 'srcdbo07' has been assigned to pool 'ora.adm1stby'.
2025-01-30 08:08:48.116 [ORAAGENT(3347947)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 3347947
2025-01-30 08:08:48.254 [CLSECHO(3348144)]AFD-9202: AFD can not be installed/loaded because ASMLib is installed.
2025-01-30 08:09:25.550 [CRSD(3345287)]CRS-2772: Server 'srcdbo08' has been assigned to pool 'Generic'.
2025-01-30 08:09:25.552 [CRSD(3345287)]CRS-2772: Server 'srcdbo08' has been assigned to pool 'ora.adm1stby'.
2025-01-30 08:24:12.141 [OLOGGERD(3345218)]CRS-9621: CHM table space size is 2048 MB and free space is 97 MB.
2025-02-02 03:14:10.991 [CLSECHO(3191460)]AFD-9202: AFD can not be installed/loaded because ASMLib is installed.
```

En la siguiente imagen se muestra el Log de la base de datos, en el cual se puede evidenciar la correcta aplicación de los Archivelog que se generan en el sitio principal y que son llevados al sitio alterno, con el servicio de réplica del contenedor.

```
PR00 (PID:3357831): Media Recovery Waiting for T-1.S-157652 (in transit) [krsm.c:6205]
2025-02-03T20:44:46.179712-05:00
Recovery of Online Redo Log: Thread 1 Group 18 Seq 157652 Reading mem 0
  Mem# 0: +DG_DATA/ADM1STBY/ONLINELOG/group_18.270.1145051931
  Mem# 1: +DG_FRA/ADM1STBY/ONLINELOG/group_18.2798.1145051933
```

Monitoreo de la interfaz línea de Oracle Data Guard Broker.

En la siguiente imagen se observa que no se tienen retrasos en el servicio de réplica de la base de datos del sitio principal hacia el alterno.

1702757236

euphorianet
www.euphoria-net.com

```
Welcome to DGMGRL, type "help" for information.
Connected to "cdb1adm"
Connected as SYSDG.
DGMGRL> show database adm1stby

Database - adm1stby

  Role:               PHYSICAL STANDBY
  Intended State:     APPLY-ON
  Transport Lag:      0 seconds (computed 1 second ago)
  Apply Lag:          0 seconds (computed 1 second ago)
  Average Apply Rate: 5.19 MByte/s
  Real Time Query:    ON
  Instance(s):
    adm1stby1 (apply instance)
    adm1stby2

Database Status:
SUCCESS

DGMGRL>
```

1.3.2 Contenedor adm3stby

En los servidores **srcdbo11** y **srcdbo12**, que conforman el clúster de base de datos **adm3stby** en el sitio alterno, se realizó el aumento o ajuste de la MTU a 9000. A continuación, se muestra la configuración aplicada, como se puede observar en las siguientes imágenes:

Servidor srcdbo11

```
[oracle@srcdbo11 ~]$ ip a | grep -E "8: bond1:|9: bond0:"
8: bond1: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9000 qdisc noqueue state UP group default qlen 1000
9: bond0: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9216 qdisc noqueue state UP group default qlen 1000
```

Servidor srcdbo12

```
[oracle@srcdbo12 ~]$ ip a | grep -E "8: bond0:|9: bond1:"
8: bond0: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9216 qdisc noqueue state UP group default qlen 1000
9: bond1: <BROADCAST,MULTICAST,MASTER,UP,LOWER_UP> mtu 9000 qdisc noqueue state UP group default qlen 1000
[oracle@srcdbo12 ~]$
```

Log de cluster

Se muestra el log del clúster de la base de datos, en el cual todos servicios se ejecutan correctamente y sin errores.

```
2025-02-20 23:06:36.270 [OCTSSD(1611929)]CRS-2407: The new Cluster Time Synchronization Service reference node is host srcdbo11.
2025-02-20 23:06:36.270 [OCTSSD(1611929)]CRS-2401: The Cluster Time Synchronization Service started on host srcdbo12.
2025-02-20 23:06:45.048 [CRSD(1612044)]CRS-8500: Oracle Clusterware CRSD process is starting with operating system process ID 1612044
2025-02-20 23:06:50.267 [CRSD(1612044)]CRS-1012: The OCR service started on node srcdbo12.
2025-02-20 23:06:50.356 [CRSD(1612044)]CRS-1201: CRSD started on node srcdbo12.
2025-02-20 23:06:50.986 [ORAAGENT(1612181)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 1612181
2025-02-20 23:06:50.991 [ORAROOTAGENT(1612194)]CRS-8500: Oracle Clusterware ORAROOTAGENT process is starting with operating system process ID 1612194
2025-02-20 23:06:51.007 [ORAAGENT(1612204)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 1612204
2025-02-20 23:06:56.527 [ORAAGENT(1613208)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 1613208
2025-02-20 23:07:19.036 [ORAAGENT(1613923)]CRS-8500: Oracle Clusterware ORAAGENT process is starting with operating system process ID 1613923
2025-02-20 23:09:19.100 [CLSECHO(1618041)]AFD-9202: AFD can not be installed/loaded because ASMLib is installed.
2025-02-20 23:09:40.908 [OCTSSD(1611929)]CRS-2407: The new Cluster Time Synchronization Service reference node is host srcdbo12.
2025-02-20 23:09:52.768 [ONMD(1611591)]CRS-1625: Node srcdbo11, number 1, was shut down
2025-02-20 23:09:52.799 [ONMD(1611591)]CRS-1601: CSSD Reconfiguration complete. Active nodes are srcdbo12 .
2025-02-20 23:09:52.807 [CRSD(1612044)]CRS-5504: Node down event reported for node 'srcdbo11'.
2025-02-20 23:09:52.812 [CRSD(1612044)]CRS-2773: Server 'srcdbo11' has been removed from pool 'Generic'.
2025-02-20 23:09:52.814 [CRSD(1612044)]CRS-2773: Server 'srcdbo11' has been removed from pool 'ora.adm3stby'.
2025-02-20 23:10:31.210 [ONMD(1611591)]CRS-1601: CSSD Reconfiguration complete. Active nodes are srcdbo11 srcdbo12 .
2025-02-20 23:10:56.272 [CRSD(1612044)]CRS-2772: Server 'srcdbo11' has been assigned to pool 'Generic'.
2025-02-20 23:10:56.274 [CRSD(1612044)]CRS-2772: Server 'srcdbo11' has been assigned to pool 'ora.adm3stby'.
```

Log de la base de datos que muestra la aplicación correcta de los Archivelog que se generan en el sitio principal y que son llevados al sitio alterno, con el servicio de réplica del contenedor.

```
Recovery of Online Redo Log: Thread 3 Group 27 Seq 85920 Reading mem 0
  Mem# 0: +DG_DATA/ADM3STBY/ONLINELOG/group_27.976.1168406629
  Mem# 1: +DG_FRA/ADM3STBY/ONLINELOG/group_27.2167.1168406631
2025-02-20T23:25:57.611697-05:00
```

Monitoreo de la interfaz línea de Oracle Data Guard Broker.

En la siguiente imagen se observa que no se tienen retrasos en el servicio de replica de la base de datos del sitio principal hacia el alterno.

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```
Welcome to DGMGRL, type "help" for information.
Connected to "adm3stby"
Connected as SYSDG.
DGMGRL> show database adm3stby

Database - adm3stby

  Role:                PHYSICAL STANDBY
  Intended State:      APPLY-ON
  Transport Lag:       0 seconds (computed 1 second ago)
  Apply Lag:           0 seconds (computed 1 second ago)
  Average Apply Rate:  22.16 MByte/s
  Real Time Query:     OFF
  Instance(s):
    adm3stby1
    adm3stby2 (apply instance)

Database Status:
SUCCESS
```

1.4 Migración BD del OIM a Infraestructura KVM

Para la actividad de migración de base de datos DBIPD, se hace mediante la configuración de un dataguard, de esta forma se migra de la tecnología virtualizada Oracle VM a Oracle KVM haciendo el proceso de Failover.
Los pasos realizados son los siguientes:

- Antes de iniciar con la migración, se garantiza que la réplica esta al día para iniciar con la actividad sin contratiempos.

```
DGMGRL> host 'date';
Executing operating system command(s):" 'date';"
Thu Feb 20 14:09:02 -05 2025
DGMGRL>
DGMGRL> show database dbipdstby

Database - dbipdstby

  Role:                PHYSICAL STANDBY
  Intended State:      APPLY-ON
  Transport Lag:       0 seconds (computed 1 second ago)
  Apply Lag:           0 seconds (computed 0 seconds ago)
  Average Apply Rate:  76.00 KByte/s
  Real Time Query:     OFF
  Instance(s):
    dbipdstby1
    dbipdstby2 (apply instance)

Database Status:
SUCCESS

DGMGRL>
DGMGRL>
```

- Detener las instancias en los servidores actuales.

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```
[oracle@srvdbipd2 ~]$ srvctl status db -d dbipd
Instance dbipd1 is not running on node srvdbipd1
Instance dbipd2 is running on node srvdbipd2
[oracle@srvdbipd2 ~]$
[oracle@srvdbipd2 ~]$ srvctl stop db -d dbipd
[oracle@srvdbipd2 ~]$
[oracle@srvdbipd2 ~]$ srvctl status db -d dbipd
Instance dbipd1 is not running on node srvdbipd1
Instance dbipd2 is not running on node srvdbipd2
[oracle@srvdbipd2 ~]$
[oracle@srvdbipd2 ~]$
```

- Se valida en la réplica que este al día la aplicación de archivelog.

```
SQL> select thread#, sequence#, first_time from v$archived_log where first_time = (select
  2  from v$archived_log where applied = 'YES');

   THREAD#  SEQUENCE# FIRST_TIME
---------- ---------- --------------------
         2      19634 20-02-2025 18:47:04

SQL>
SQL>
```

- Se detiene la aplicación de archivelog y se hace el cambio de rol del controlfile de STANDBY a PRIMARY.

```
SQL> alter database recover managed standby database finish;

Database altered.

SQL> alter database activate physical standby database ;

Database altered.

SQL> select open_mode ,protection_mode , database_role from v$database ;

OPEN_MODE            PROTECTION_MODE      DATABASE_ROLE
-------------------- -------------------- ----------------
MOUNTED              MAXIMUM PERFORMANCE  PRIMARY

SQL>
```

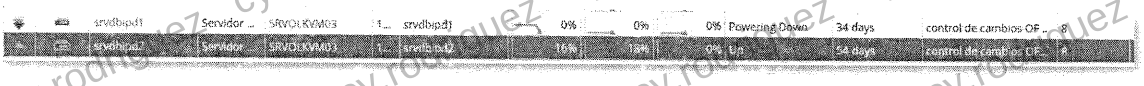
- Se abre la instancia de base de datos.

```
SQL>
SQL> alter database open;

Database altered.

SQL>
SQL>
```

- A nivel de Oracle VM se detienen las máquinas virtuales que conforman el Cluster de base de datos.



- Se hacen los cambios del direccionamiento IP, se dejan las mismas IPs (IPs de gestión, VIPs y VIPs Scan).

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```
[grid@srvdbipd1 ~]$ srvctl stop vip -n srvdbipd2 -f
[grid@srvdbipd1 ~]$ srvctl stop vip -n srvdbipd1 -f
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$ exit
logout
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]# /u01/app/product/19.0.0/grid/bin/srvctl modify nodeapps -n srvdbipd1 -A srvdbipd1-vip.policia.gov.co/255.255.255.0/enp1s0
[root@srvdbipd1 ~]# /u01/app/product/19.0.0/grid/bin/srvctl modify nodeapps -n srvdbipd2 -A srvdbipd2-vip.policia.gov.co/255.255.255.0/enp1s0
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]#
```

```
[grid@srvdbipd1 ~]$ srvctl config nodeapps
Network 1 exists
Subnet IPv4: 172.28.18.0/255.255.255.0/enp1s0, static
Subnet IPv6:
Ping Targets:
Network is enabled
Network is individually enabled on nodes:
Network is individually disabled on nodes:
VIP exists: network number 1, hosting node srvdbipd1
VIP Name: srvdbipd1-vip.policia.gov.co
VIP IPv4 Address: 172.28.18.103
VIP IPv6 Address:
VIP is enabled.
VIP is individually enabled on nodes:
VIP is individually disabled on nodes:
VIP exists: network number 1, hosting node srvdbipd2
VIP Name: srvdbipd2-vip.policia.gov.co
VIP IPv4 Address: 172.28.18.104
VIP IPv6 Address:
VIP is enabled.
VIP is individually enabled on nodes:
VIP is individually disabled on nodes:
ONS exists: Local port 6100, remote port 6200, EM port 2016, Uses SSL true
ONS is enabled
ONS is individually enabled on nodes:
ONS is individually disabled on nodes:
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$
```

```
[root@srvdbipd1 ~]# su - grid
Last login: Thu Feb 20 20:01:37 -05 2025 on pts/3
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$ srvctl stop scan_listener
[grid@srvdbipd1 ~]$ srvctl stop scan
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$ srvctl status scan
SCAN VIP scan1 is enabled
SCAN VIP scan1 is not running
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$ exit
logout
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]# /u01/app/product/19.0.0/grid/bin/srvctl modify scan -n scan-admipdb.policia.gov.co
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]# su - grid
Last login: Thu Feb 20 20:05:33 -05 2025 on pts/2
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$ srvctl config scan
SCAN name: scan-admipdb.policia.gov.co, Network: 1
Subnet IPv4: 172.28.18.0/255.255.255.0/enp1s0, static
Subnet IPv6:
SCAN 1 IPv4 VIP: 172.28.18.105
SCAN VIP is enabled.
SCAN 2 IPv4 VIP: 172.28.18.107
SCAN VIP is enabled.
SCAN 3 IPv4 VIP: 172.28.18.106
SCAN VIP is enabled.
[grid@srvdbipd1 ~]$
[grid@srvdbipd1 ~]$
```


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- Se crea el servicio de base de datos en alta disponibilidad.

```
[oracle@srvdbipd1 ~]$ srvctl add db -d dbipd -oraclehome $ORACLE_HOME -spfile +DG_DATA/DBIPD/PARAMETERFILE/spfile.727.1193602529
[oracle@srvdbipd1 ~]$
[oracle@srvdbipd1 ~]$ srvctl add instance -d dbipd -instance dbipd1 -node srvdbipd1
[oracle@srvdbipd1 ~]$ srvctl add instance -d dbipd -instance dbipd2 -node srvdbipd2
[oracle@srvdbipd1 ~]$
[oracle@srvdbipd1 ~]$ srvctl status db -d dbipd
Instance dbipd1 is not running on node srvdbipd1
Instance dbipd2 is not running on node srvdbipd2
[oracle@srvdbipd1 ~]$
[oracle@srvdbipd1 ~]$
```

1.5 Tratamiento errores de BD OPE1

Se revisa el mensaje que es frecuente en el alert.log del contenedor de base de datos CDB1OPE.

```
2025-02-20T14:30:28.583451-05:00
PSIVICC(4):No DP Slot available to create server, tracefile
PSIVICC(4):No DP Slot available to create server, tracefile
PSIVICC(4):No DP Slot available to create server, tracefile
2025-02-20T14:30:35.146942-05:00
PSIVICC(4):No DP Slot available to create server, tracefile
PSIVICC(4):No DP Slot available to create server, tracefile
2025-02-20T14:30:38.663345-05:00
PSIVICC(4):No DP Slot available to create server, tracefile
2025-02-20T14:30:39.457476-05:00
No DP Slot available to create server, tracefile /u01/app/oracle/diag/rdbms/cdb1ope/cdb1ope1/trace/cdb1ope1_pxmn_49105.trc
2025-02-20T14:30:42.300578-05:00
PSIVICC(4):No DP Slot available to create server, tracefile
2025-02-20T14:30:52.718371-05:00
No DP Slot available to create server, tracefile /u01/app/oracle/diag/rdbms/cdb1ope/cdb1ope1/trace/cdb1ope1_pxmn_49105.trc
2025-02-20T14:30:56.515272-05:00
No DP Slot available to create server, tracefile /u01/app/oracle/diag/rdbms/cdb1ope/cdb1ope1/trace/cdb1ope1_pxmn_49105.trc
No DP Slot available to create server, tracefile /u01/app/oracle/diag/rdbms/cdb1ope/cdb1ope1/trace/cdb1ope1_pxmn_49105.trc
No DP Slot available to create server, tracefile /u01/app/oracle/diag/rdbms/cdb1ope/cdb1ope1/trace/cdb1ope1_pxmn_49105.trc
```

Acción: Se aplica nota de Oracle **(Alertlog Messages "No DP Slot Available To Create Server, Tracefile" (Doc ID 2848495.1)** , sin embargo, el error persistía después de hacer los ajustes con el parámetro *parallel_max_servers*.

Recomendación: Continuar con un monitoreo sobre la base de datos PSIVICC y revisar específicamente los procesos que usan paralelismo, para este monitoreo puede ser guía la nota (Document 457857.1 - Script To Monitor Parallel Queries/SQL)

- Revisar en el contenedor CDB3OPE, la PDB SECAD por llenado del tablespace de auditoria.

```
SECAD(9):ORA-1688: unable to extend table AUDSYS.AUD$UNIFIED partition SYS_P51115 by 8192 in tablespace AUDITORIA [SECAD]
SECAD(9):Unified Audit record write to audit trail table failed due to ORA-1688. Writing the record to OS spillover file.

SECAD(9):ORA-1688: unable to extend table AUDSYS.AUD$UNIFIED partition SYS_P51115 by 8192 in tablespace AUDITORIA [SECAD]
SECAD(9):Unified Audit record write to audit trail table failed due to ORA-1688. Writing the record to OS spillover file.

SECAD(9):ORA-1688: unable to extend table AUDSYS.AUD$UNIFIED partition SYS_P51115 by 8192 in tablespace AUDITORIA [SECAD]
SECAD(9):Unified Audit record write to audit trail table failed due to ORA-1688. Writing the record to OS spillover file.
```

Acción: Para superar el incidente se adiciona un datafile (32 GiB) al tablespace AUDITORIA. Los objetos de mayor volumen están en el siguiente listado:

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```
OWNER                SEGMENT_NAME                                SEGMENT_TYPE       BYTES/1024/1024
-------------------- ------------------------------------------- ------------------ ---------------
AUDSYS               CLI_SWP$b7573c97$3$1                        TABLE PARTITION                .0625
AUDSYS               CLI_SCN$b7573c97$3$1                        INDEX PARTITION                .0625
AUDSYS               CLI_LOB$b7573c97$3$1                        INDEX PARTITION                .0625
AUDSYS               CLI_TIME$b7573c97$3$1                       INDEX PARTITION                .0625
AUDSYS               SYS_IL0000110161C00014$$                    INDEX PARTITION                .0625
AUDSYS               SYS_IL0000120820C00030$$                    INDEX PARTITION                .0625
AUDSYS               SYS_IL0000120820C00097$$                    INDEX PARTITION                .0625
AUDSYS               SYS_IL0000120820C00031$$                    INDEX PARTITION                .0625
AUDSYS               SYS_LOB0000110161C00014$$                   LOB PARTITION                   .25
AUDSYS               SYS_LOB0000120820C00097$$                   LOB PARTITION                     8
AUDSYS               SYS_LOB0000120820C00031$$                   LOB PARTITION                    13
AUDSYS               SYS_LOB0000120820C00030$$                   LOB PARTITION                    16
AUDSYS               AUD$unified                                 TABLE PARTITION                68390

13 rows selected.
```

Recomendación: Determinar el tiempo de auditoria que necesitan sobre la PDB SECAD, después actualizar el job que hace la purga de la auditoria con el tiempo acordado. En el momento la auditoria que se tiene es a partir del 13 de agosto del 2024, esta auditoria tiene un volumen de 66 GiB.

```
SYS@cdb3ope1> show con_name

CON_NAME
------------------------------
SECAD
SYS@cdb3ope1>
SYS@cdb3ope1> select audit_trail, last_archive_ts from dba_audit_mgmt_last_arch_ts;

AUDIT_TRAIL          LAST_ARCHIVE_TS
-------------------- ---------------------------------------------------------------
UNIFIED AUDIT TRAIL  13-AUG-24 06.00.00.000000 AM +00:00

SYS@cdb3ope1>
SYS@cdb3ope1>
```


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1.6 Mover Servidores de OVM a KVM para Forms-Siath

Servidores:

SRVWL1	172.28.15.17
SRVWL2	172.28.15.18
SRVWLSIATH1	172.28.15.19
SRVWLSIATH2	172.28.15.20

srvwl1	172.28.15.21
srvwl2	172.28.15.22
srvwlsiath1	172.28.15.23
srvwlsiath2	172.28.15.34

dnf install binutils gcc gcc-c++ glibc glibc-devel libaio libaio-devel libgcc libstdc++ libstdc++-devel libnsl sysstat motif motif-devel redhat-lsb redhat-lsb-core openssl make ksh xorg-x11-utils libXext.i686 libXtst.i686 libXext libXtst libXtst-devel libXext-devel.i686 libXtst-devel.i686 telnet net-tools -y

dnf groupinstall fonts -y

dnf install binutils gcc gcc-c++ glibc glibc-devel libaio libaio-devel libgcc libstdc++ libstdc++-devel libnsl sysstat motif motif-devel redhat-lsb redhat-lsb-core openssl make xorg-x11-utils telnet net-tools xorg-x11-xauth xorg-x11-server-utils xterm xdpyinfo ksh glibc glibc.i686 glibc-devel glibc-devel.i686 libstdc++ libstdc++.i686 libstdc++-devel libstdc++-devel.i686 numactl numactl-devel rng-tools libXext.i686 libXtst.i686 libXext libXtst libXtst-devel libnsl libnsl.i686 libXext-devel.i686 libXtst-devel.i686 telnet net-tools zip unzip rsync bind-utils rsync -y

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```
(6/11): libXft-devel-2.3.3-1.el8.i686.rpm                    446 kB/s |  25 kB     00:00
(7/11): libXmu-devel-1.1.3-1.el8.i686.rpm                    533 kB/s |  25 kB     00:00
(8/11): libXp-devel-1.0.3-3.el8.i686.rpm                     420 kB/s |  23 kB     00:00
(9/11): libXt-devel-1.1.5-12.el8.i686.rpm                    5.2 MB/s | 452 kB     00:00
(10/11): libjpeg-turbo-devel-1.5.3-12.el8.i686.rpm           1.3 MB/s | 109 kB     00:00
(11/11): motif-devel-2.3.4-21.el8_10.i686.rpm                5.3 MB/s | 1.3 MB     00:00
--------------------------------------------------------------------------------------------
Total                                                        4.0 MB/s | 2.4 MB     00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :                                                                  1/1
  Installing       : libpkgconf-1.4.2-1.el8.i686                                      1/11
  Installing       : pkgconf-1.4.2-1.el8.i686                                         2/11
  Installing       : pkgconf-pkg-config-1.4.2-1.el8.i686                              3/11
  Installing       : libXt-devel-1.1.5-12.el8.i686                                    4/11
  Installing       : libXmu-devel-1.1.3-1.el8.i686                                    5/11
  Installing       : zlib-devel-1.2.11-25.el8.i686                                    6/11
  Installing       : libXft-devel-2.3.3-1.el8.i686                                    7/11
  Installing       : libXp-devel-1.0.3-3.el8.i686                                     8/11
  Installing       : libjpeg-turbo-devel-1.5.3-12.el8.i686                            9/11
  Installing       : libpng-devel-2:1.6.34-5.el8.i686                                10/11
  Installing       : motif-devel-2.3.4-21.el8_10.i686                                11/11
  Running scriptlet: motif-devel-2.3.4-21.el8_10.i686                                11/11
  Verifying        : libpkgconf-1.4.2-1.el8.i686                                      1/11
  Verifying        : libpng-devel-2:1.6.34-5.el8.i686                                 2/11
  Verifying        : pkgconf-1.4.2-1.el8.i686                                         3/11
  Verifying        : pkgconf-pkg-config-1.4.2-1.el8.i686                              4/11
  Verifying        : zlib-devel-1.2.11-25.el8.i686                                    5/11
  Verifying        : libXft-devel-2.3.3-1.el8.i686                                    6/11
  Verifying        : libXmu-devel-1.1.3-1.el8.i686                                    7/11
  Verifying        : libXp-devel-1.0.3-3.el8.i686                                     8/11
  Verifying        : libXt-devel-1.1.5-12.el8.i686                                    9/11
  Verifying        : libjpeg-turbo-devel-1.5.3-12.el8.i686                           10/11
  Verifying        : motif-devel-2.3.4-21.el8_10.i686                                11/11

Installed:
  libXft-devel-2.3.3-1.el8.i686          libXmu-devel-1.1.3-1.el8.i686        libXp-devel-1.0.3-3.el8.i686      libXt-devel-1.1.5-12.el8.i686
  libjpeg-turbo-devel-1.5.3-12.el8.i686  libpkgconf-1.4.2-1.el8.i686          libpng-devel-2:1.6.34-5.el8.i686  motif-devel-2.3.4-21.el8_10.i686
  pkgconf-1.4.2-1.el8.i686               pkgconf-pkg-config-1.4.2-1.el8.i686  zlib-devel-1.2.11-25.el8.i686

Complete!
[root@srvwl2 lib]#
[root@srvwl2 lib]#
[root@srvwl2 lib]#
```

En origen se hace limpieza de archivos

```
[root@srvwl1 ~]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                   32G     0   32G   0% /dev
tmpfs                      32G     0   32G   0% /dev/shm
tmpfs                      32G  569M   31G   2% /run
tmpfs                      32G     0   32G   0% /sys/fs/cgroup
/dev/mapper/srvwl-root     10G  1.7G  8.3G  18% /
/dev/mapper/srvwl-home     10G  141M  9.9G   2% /home
/dev/sdb1                1014M  183M  832M  18% /boot
/dev/mapper/srvwl-u01     143G  130G   14G  91% /u01
/dev/mapper/srvwl-tmp      10G   75M   10G   1% /tmp
/dev/mapper/srvwl-var      10G  1.3G  8.8G  13% /var
tmpfs                     6.3G     0  6.3G   0% /run/user/500
tmpfs                     6.3G     0  6.3G   0% /run/user/1004
tmpfs                     6.3G     0  6.3G   0% /run/user/0
[root@srvwl1 ~]# cd /u01
```

```
[root@srvwl1 domains]# du -sh *
115G    FRM_DM
```

rm -f hs_err_pid*

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```
[root@srvwl1 servers]# du -sh *
931M    AdminServer
4.0K    AdminServerTag
16K     domain_bak
100G    ohs1
61M     pro_rep_dibie_1
17M     pro_rep_lsi_act_1
76M     pro_rep_lsiact_1
55M     pro_rep_lsipen_1
11M     pro_rep_siconi_1
45M     pro_rep_sideh_1
222M    pro_rep_sifac_1
1.3M    pro_rep_sifac_11
11M     pro_rep_sifac_111
101M    pro_rep_sigacprod_1
140K    pro_rep_sigea_1
261M    pro_rep_sigea_11
11M     pro_rep_sigep_1
45M     pro_rep_siges_1
240K    pro_rep_sigoa
41M     pro_rep_sigoa_1
33M     pro_rep_sijume_1
88M     pro_rep_sijur_1
82M     pro_rep_sinve_1
19M     pro_rep_sipci_1
27M     pro_rep_sipde_1
45M     pro_rep_sipde_11
18M     pro_rep_siplac_1
61M     pro_rep_sipre_1
17M     pro_rep_sipre_11
19M     pro_rep_sivif_1
1.6G    WLS_FORMS
1.5G    WLS_REPORTS
[root@srvwl1 servers]#
```

```
/u01/app/oracle/middleware/config/domains/FRM_DM/servers/ohs1/logs
[root@srvwl1 logs]# rm -f access_log.17*
[root@srvwl1 logs]# rm -f admin_log.17*
[root@srvwl1 logs]# rm -f ohs1-202*
[root@srvwl1 logs]#
```

/u01/app/oracle/middleware/config/domains/FRM_DM/reports/cache

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```
[root@srvwl1 cache]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                   32G     0   32G   0% /dev
tmpfs                      32G     0   32G   0% /dev/shm
tmpfs                      32G  569M   31G   2% /run
tmpfs                      32G     0   32G   0% /sys/fs/cgroup
/dev/mapper/srvwl-root     10G  1.7G  8.3G  18% /
/dev/mapper/srvwl-home     10G  141M  9.9G   2% /home
/dev/sdb1                1014M  183M  832M  18% /boot
/dev/mapper/srvwl-u01     143G   22G  122G  16% /u01
/dev/mapper/srvwl-tmp      10G   75M   10G   1% /tmp
/dev/mapper/srvwl-var      10G  1.3G  8.8G  13% /var
tmpfs                     6.3G     0  6.3G   0% /run/user/500
tmpfs                     6.3G     0  6.3G   0% /run/user/1004
tmpfs                     6.3G     0  6.3G   0% /run/user/0
[root@srvwl1 cache]#
```

Crear Directorio

ln -s /u01/medios/aplica /aplica

```
[root@srvwl1 /]# ls -al
total 16
dr-xr-xr-x.  18 root   root     249 Feb 21 11:01 .
dr-xr-xr-x.  18 root   root     249 Feb 21 11:01 ..
lrwxrwxrwx.   1 root   root      18 Feb 21 11:01 aplica -> /u01/medios/aplica
lrwxrwxrwx.   1 root   root       7 Oct  9  2021 bin -> usr/bin
dr-xr-xr-x.   5 root   root    4096 Feb 21 09:25 boot
drwxr-xr-x.  21 root   root    3420 Feb 21 09:23 dev
drwxr-xr-x.  93 root   root    8192 Feb 21 10:30 etc
drwxr-xr-x.   4 root   root      35 Aug 14  2024 home
lrwxrwxrwx.   1 root   root       7 Oct  9  2021 lib -> usr/lib
lrwxrwxrwx.   1 root   root       9 Oct  9  2021 lib64 -> usr/lib64
drwxr-xr-x.   2 root   root       6 Oct  9  2021 media
drwxr-xr-x.   2 root   root       6 Oct  9  2021 mnt
drwxr-xr-x.   2 root   root       6 Oct  9  2021 opt
dr-xr-xr-x. 312 root   root       0 Dec 19 09:20 proc
dr-xr-x---.   3 root   root     185 Feb 21 09:15 root
drwxr-xr-x.  30 root   root     860 Feb 21 09:23 run
lrwxrwxrwx.   1 root   root       8 Oct  9  2021 sbin -> usr/sbin
drwxr-xr-x.   2 root   root       6 Oct  9  2021 srv
dr-xr-xr-x.  13 root   root       0 Dec 19 09:20 sys
drwxrwxrwt.   2 root   root       6 Feb 21 09:33 tmp
drwxr-xr-x.   7 oracle oinstall   94 Feb 21 10:13 u01
drwxr-xr-x.  12 root   root     144 Jul 29  2024 usr
drwxr-xr-x.  20 root   root     278 Jul 29  2024 var
[root@srvwl1 /]#
```


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Server srvwl2

```
[root@srvwl2 u01]# df -h
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                 32G     0   32G   0% /dev
tmpfs                    32G     0   32G   0% /dev/shm
tmpfs                    32G  9.2M   32G   1% /run
tmpfs                    32G     0   32G   0% /sys/fs/cgroup
/dev/mapper/srvwl-root   20G  7.0G   13G  35% /
/dev/xvda1              497M  218M  280M  44% /boot
/dev/mapper/srvwl-u01   130G   27G  103G  21% /u01
/dev/mapper/srvwl-var   5.0G  948M  4.1G  19% /var
/dev/mapper/srvwl-tmp   5.0G   47M  5.0G   1% /tmp
/dev/mapper/srvwl-home   10G  5.8G  4.3G  58% /home
tmpfs                   6.3G   12K  6.3G   1% /run/user/42
tmpfs                   6.3G     0  6.3G   0% /run/user/0
[root@srvwl2 u01]# du -sh *
445M    aplica
24G     app
2.4G    bck
55M     instaladores
```

```
[root@srvwl2 ohs1]# df -h
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                 32G     0   32G   0% /dev
tmpfs                    32G     0   32G   0% /dev/shm
tmpfs                    32G  9.2M   32G   1% /run
tmpfs                    32G     0   32G   0% /sys/fs/cgroup
/dev/mapper/srvwl-root   20G  7.0G   13G  35% /
/dev/xvda1              497M  218M  280M  44% /boot
/dev/mapper/srvwl-u01   130G   16G  114G  13% /u01
/dev/mapper/srvwl-var   5.0G  948M  4.1G  19% /var
/dev/mapper/srvwl-tmp   5.0G   47M  5.0G   1% /tmp
/dev/mapper/srvwl-home   10G  5.8G  4.3G  58% /home
tmpfs                   6.3G   12K  6.3G   1% /run/user/42
tmpfs                   6.3G     0  6.3G   0% /run/user/0
[root@srvwl2 ohs1]#
```

```
[root@srvwl2 u01]# du -sh *
445M    aplica
13G     app
2.4G    bck
55M     instaladores
48K     scripts
[root@srvwl2 u01]#
```


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```
[root@srvwl2 /]# groupadd oinstall -g 500
[root@srvwl2 /]# useradd -g 500 -u 500 oracle
[root@srvwl2 /]#
[root@srvwl2 /]#
[root@srvwl2 /]# chown -R oracle:oinstall /u01
[root@srvwl2 /]#
```

```
[root@srvwl2 system]# ll
total 36
drwxr-xr-x. 2 root root   57 Dec 14  2018 basic.target.wants
drwxr-xr-x. 2 root root   31 Dec 14  2018 bluetooth.target.wants
lrwxrwxrwx. 1 root root   41 Dec 14  2018 dbus-org.bluez.service -> /usr/lib/systemd/syste
lrwxrwxrwx. 1 root root   44 Dec 14  2018 dbus-org.freedesktop.Avahi.service -> /usr/lib/s
lrwxrwxrwx. 1 root root   44 Dec 14  2018 dbus-org.freedesktop.ModemManager1.service -> /u
lrwxrwxrwx. 1 root root   46 Dec 14  2018 dbus-org.freedesktop.NetworkManager.service -> /
lrwxrwxrwx. 1 root root   57 Dec 14  2018 dbus-org.freedesktop.nm-dispatcher.service -> /u
lrwxrwxrwx. 1 root root   36 Dec 14  2018 default.target -> /lib/systemd/system/graphical.
drwxr-xr-x. 2 root root   87 Dec 14  2018 default.target.wants
drwxr-xr-x. 2 root root   38 Dec 14  2018 dev-virtio\x2dports-org.qemu.guest_agent.0.devic
lrwxrwxrwx. 1 root root   35 Dec 14  2018 display-manager.service -> /usr/lib/systemd/syst
-rw-r--r--  1 root root  422 Dec 21  2018 FRM_ADM.service
-rw-r--r--  1 root root  352 Dec 24  2018 FRM_MSERVER5.service
-rw-r--r--  1 root root  425 Dec 21  2018 FRM_NM.service
-rw-r--r--  1 root root  469 Dec 24  2018 FRM_OHS.service
-rw-r--r--  1 root root  342 Dec 24  2018 FRM_REPORTS.service
drwxr-xr-x. 2 root root   32 Dec 14  2018 getty.target.wants
drwxr-xr-x. 2 root root 4096 Dec 14  2018 graphical.target.wants
drwxr-xr-x. 2 root root   35 Dec 14  2018 local-fs.target.wants
drwxr-xr-x. 2 root root 4096 Mar 10  2024 multi-user.target.wants
drwxr-xr-x. 2 root root   48 Dec 14  2018 network-online.target.wants
drwxr-xr-x. 2 root root   26 Dec 14  2018 printer.target.wants
drwxr-xr-x. 2 root root   31 Dec 14  2018 remote-fs.target.wants
drwxr-xr-x. 2 root root 4096 Dec 14  2018 sockets.target.wants
drwxr-xr-x. 2 root root 4096 Dec 14  2018 sysinit.target.wants
drwxr-xr-x. 2 root root   44 Dec 14  2018 system-update.target.wants
drwxr-xr-x. 2 root root   34 Dec 14  2018 timers.target.wants
drwxr-xr-x. 2 root root   29 Dec 14  2018 vmtoolsd.service.requires
[root@srvwl2 system]# vi FRM_ADM.service
[root@srvwl2 system]# vi FRM_MSERVER5.service
[root@srvwl2 system]# vi FRM_NM.service
[root@srvwl2 system]# vi FRM_OHS.service
[root@srvwl2 system]# vi FRM_REPORTS.service
[root@srvwl2 system]# systemctl enable FRM*
[root@srvwl2 system]#
```

```
drwxr-xr-x.  20 root   root      278 Jul 30  2024 v
[root@srvwl2 /]# mkdir /aplica
[root@srvwl2 /]# chown -R oracle:oinstall /aplica
[root@srvwl2 /]#
```

```
[root@srvwl2 system]# cat /etc/hosts
127.0.0.1   localhost localhost.localdomain localhost4 localhost4.localdomain4
::1         localhost localhost.localdomain localhost6 localhost6.localdomain6
172.28.15.22    WLSFRM
172.28.15.21  srvwl1
172.28.15.22  srvwl2
[root@srvwl2 system]#
```


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systemctl start FRM*

SRVWLSIATH1

```
[root@SRVWLSIATH1 FRM_DM]# df -h
Filesystem                  Size  Used Avail Use% Mounted on
devtmpfs                     63G     0   63G   0% /dev
tmpfs                        63G     0   63G   0% /dev/shm
tmpfs                        63G  370M   63G   1% /run
tmpfs                        63G     0   63G   0% /sys/fs/cgroup
/dev/mapper/srvwlsiath-root  20G  4.8G   16G  24% /
/dev/xvda2                 1014M  331M  684M  33% /boot
/dev/mapper/srvwlsiath-home  10G  2.5G  7.6G  25% /home
/dev/mapper/srvwlsiath-var  5.0G  3.8G  1.3G  76% /var
/dev/mapper/srvwlsiath-u01  129G   56G   74G  43% /u01
/dev/mapper/srvwlsiath-tmp  5.0G  170M  4.9G   4% /tmp
/dev/xvdb1                   20G  3.5G   17G  18% /aplica
tmpfs                        13G   12K   13G   1% /run/user/42
tmpfs                        13G     0   13G   0% /run/user/1001
tmpfs                        13G     0   13G   0% /run/user/0
[root@SRVWLSIATH1 FRM_DM]#
```

```
[root@SRVWLSIATH1 oracle]# df -h
Filesystem                  Size  Used Avail Use% Mounted on
devtmpfs                     63G     0   63G   0% /dev
tmpfs                        63G     0   63G   0% /dev/shm
tmpfs                        63G  370M   63G   1% /run
tmpfs                        63G     0   63G   0% /sys/fs/cgroup
/dev/mapper/srvwlsiath-root  20G  4.8G   16G  24% /
/dev/xvda2                 1014M  331M  684M  33% /boot
/dev/mapper/srvwlsiath-home  10G  2.5G  7.6G  25% /home
/dev/mapper/srvwlsiath-var  5.0G  3.8G  1.3G  76% /var
/dev/mapper/srvwlsiath-u01  129G   30G  100G  23% /u01
/dev/mapper/srvwlsiath-tmp  5.0G  170M  4.9G   4% /tmp
/dev/xvdb1                   20G  3.5G   17G  18% /aplica
tmpfs                        13G   12K   13G   1% /run/user/42
tmpfs                        13G     0   13G   0% /run/user/1001
tmpfs                        13G     0   13G   0% /run/user/0
[root@SRVWLSIATH1 oracle]#
```

Se ajustan los etc hosts

```
[root@srvwl1 ~]# cat /etc/hosts
127.0.0.1   localhost localhost.localdomain
::1         localhost localhost.localdomain

172.28.15.21  srvwl1
172.28.15.21  WLSFRM
172.28.15.22  srvwl2
[root@srvwl1 ~]#
```


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```
[root@srvwl2 ~]# cat /etc/hosts
127.0.0.1   localhost localhost.locald
::1         localhost localhost.locald
172.28.15.22    WLSFRM
172.28.15.21  srvwl1
172.28.15.22  srvwl2
[root@srvwl2 ~]#
```

```
[root@srvwlsiath1 ~]# cat /etc/hosts
127.0.0.1   localhost localhost.localdomain
::1         localhost localhost.localdomain

172.28.15.23    SRVWLSIATH1
172.28.15.34    SRVWLSIATH2

172.28.15.23    WLSFRM

172.28.15.23    ADMSIATH

[root@srvwlsiath1 ~]#
```

```
[root@srvwlsiath2 ~]# cat /etc/hosts
127.0.0.1   localhost localhost.localdomain
::1         localhost localhost.localdomain

172.28.15.23    SRVWLSIATH1
172.28.15.34    SRVWLSIATH2

172.28.15.34    WLSFRM

172.28.15.34    ADMSIATH

[root@srvwlsiath2 ~]#
```

Se crean los servicios de Sistema operative

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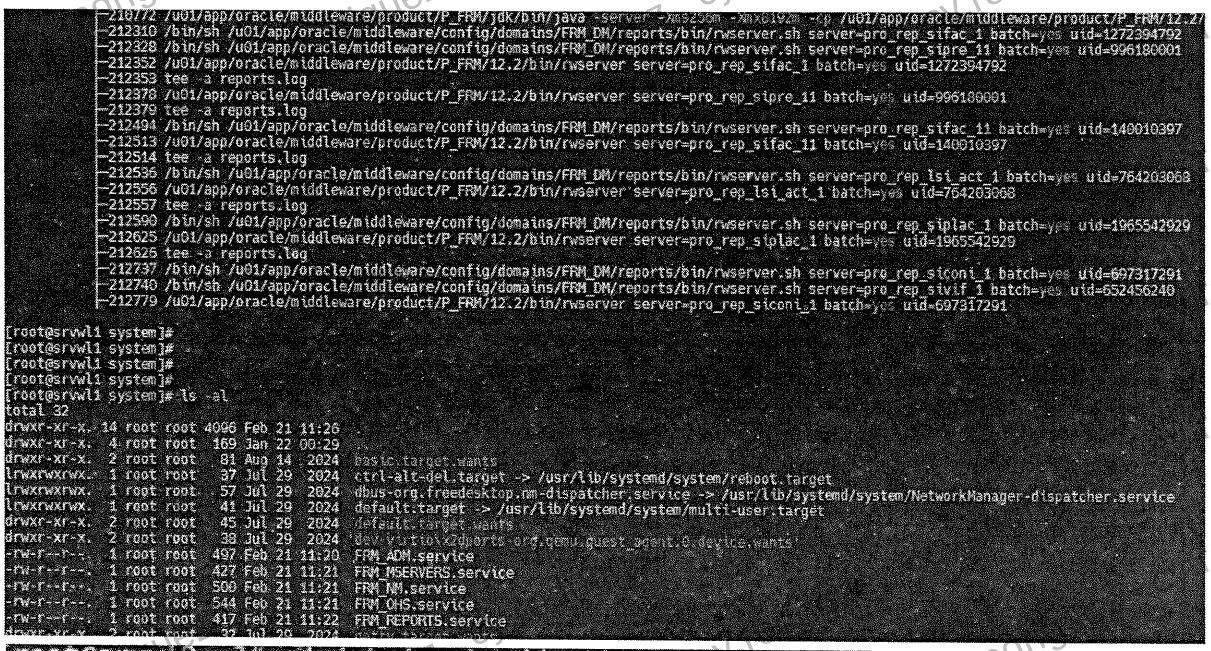

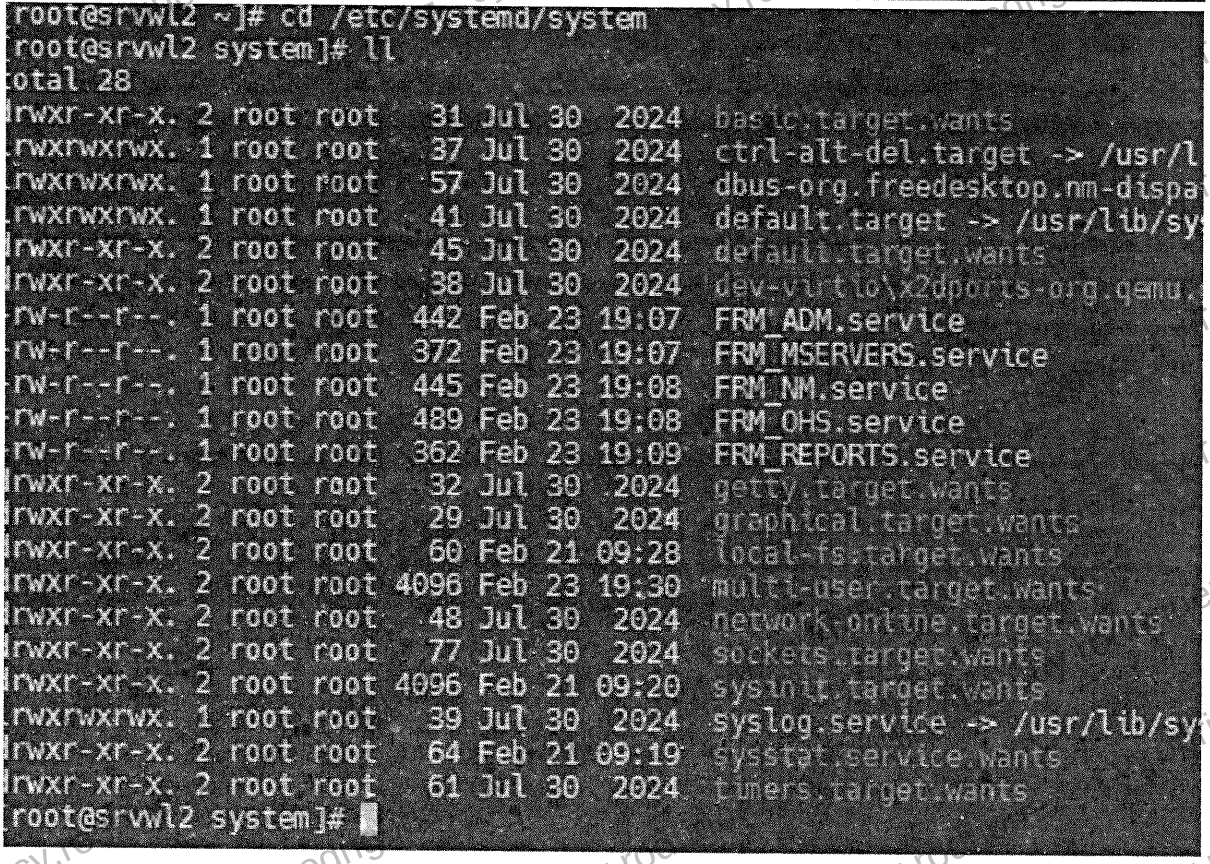

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```
[root@srvwlsiath1 ~]# cd /etc/systemd/system
[root@srvwlsiath1 system]# ll
total 28
drwxr-xr-x. 2 root root   57 Sep 20 14:34 basic.target.wants
lrwxrwxrwx. 1 root root   57 Sep 20 14:32 dbus-org.freedesktop.nm-dispatcher.service -> /usr/lib/sy
lrwxrwxrwx. 1 root root   37 Sep 20 14:37 default.target -> /lib/systemd/system/multi-user.target
drwxr-xr-x. 2 root root   87 Sep 20 14:32 default.target.wants
drwxr-xr-x. 2 root root   38 Sep 20 14:34 dev-virtio\x2dports-org.qemu.guest_agent.0.device.wants
-rw-r--r--. 1 root root  420 Apr 21  2019 FRM_ADM.service
-rw-r--r--. 1 root root  411 May  2  2019 FRM_MSERVERS.service
-rw-r--r--. 1 root root  555 Feb 24 11:42 FRM_NM.service
-rw-r--r--. 1 root root  467 Apr 21  2019 FRM_OHS.service
-rw-r--r--. 1 root root  356 May  2  2019 FRM_REPORTS.service
drwxr-xr-x. 2 root root   32 Sep 20 14:32 getty.target.wants
drwxr-xr-x. 2 root root   35 Sep 20 14:32 local-fs.target.wants
drwxr-xr-x. 2 root root 4096 Feb 24 11:22 multi-user.target.wants
drwxr-xr-x. 2 root root   48 Sep 20 14:32 network-online.target.wants
drwxr-xr-x. 2 root root   29 Sep 20 14:32 sockets.target.wants
drwxr-xr-x. 2 root root 4096 Sep 20 14:32 sysinit.target.wants
drwxr-xr-x. 2 root root   36 Sep 20 14:32 systemd-remount-fs.service.wants
drwxr-xr-x. 2 root root   44 Sep 20 14:32 system-update.target.wants
[root@srvwlsiath1 system]#
```

```
[root@srvwlsiath2 system]# ls -al
total 36
drwxr-xr-x. 13 root root 4096 Feb 25 11:34 .
drwxr-xr-x.  4 root root 4096 Feb 23 19:51 ..
drwxr-xr-x.  2 root root   57 Sep 20 17:58 basic.target.wants
lrwxrwxrwx.  1 root root   57 Sep 20 17:57 dbus-org.freedesktop.nm-dispatcher.serv
lrwxrwxrwx.  1 root root   37 Sep 20 18:02 default.target -> /lib/systemd/system/m
drwxr-xr-x.  2 root root   87 Sep 20 17:56 default.target.wants
drwxr-xr-x.  2 root root   38 Sep 20 17:58 dev-virtio\x2dports-org.qemu.guest_agen
-rw-r--r--.  1 root root  440 Feb 25 11:22 FRM_ADM.service
-rw-r--r--.  1 root root  393 Feb 25 11:22 FRM_MSERVERS.service
-rw-r--r--.  1 root root  500 Feb 25 11:26 FRM_NM.service
-rw-r--r--.  1 root root  487 Feb 25 11:23 FRM_OHS.service
-rw-r--r--.  1 root root  376 Feb 25 11:23 FRM_REPORTS.service
drwxr-xr-x.  2 root root   32 Sep 20 17:56 getty.target.wants
drwxr-xr-x.  2 root root   35 Sep 20 17:57 local-fs.target.wants
drwxr-xr-x.  2 root root 4096 Feb 25 11:34 multi-user.target.wants
drwxr-xr-x.  2 root root   48 Sep 20 17:57 network-online.target.wants
drwxr-xr-x.  2 root root   29 Sep 20 17:57 sockets.target.wants
drwxr-xr-x.  2 root root 4096 Sep 20 17:57 sysinit.target.wants
drwxr-xr-x.  2 root root   36 Sep 20 17:56 systemd-remount-fs.service.wants
drwxr-xr-x.  2 root root   44 Sep 20 17:56 system-update.target.wants
[root@srvwlsiath2 system]# psd
-bash: psd: command not found
[root@srvwlsiath2 system]# pwd
/etc/systemd/system
[root@srvwlsiath2 system]#
```


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Validando el acceso a consolas

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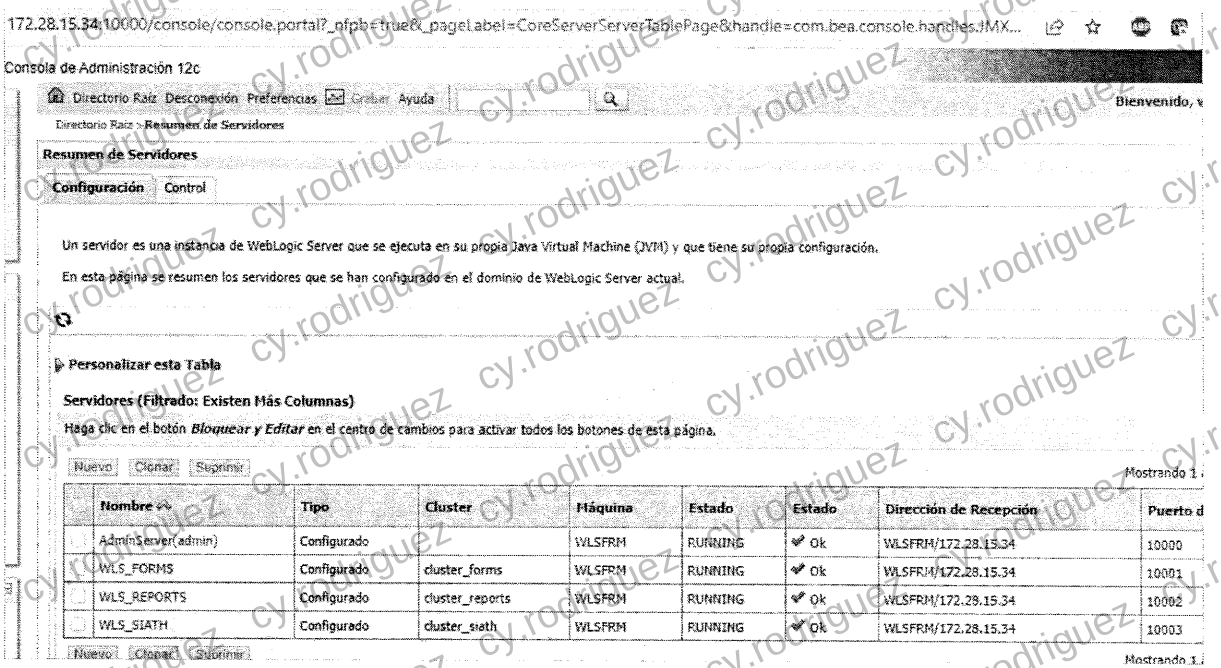

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1.7 Mover BD del Repositorio del Forms a Servidores KVM

Stop de Servicios en el ambiente de producción

```
/u01/app/product/18.0.0/grid/bin/bin
[root@srvdbwlr2 bin]# ./crsctl stop crs -f
CRS-2791: Starting shutdown of Oracle High Availability Services-managed resourc
es on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.crsd' on 'srvdbwlr2'
CRS-2790: Starting shutdown of Cluster Ready Services-managed resources on serve
r 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.chad' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.wlsdb.db' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.oimdb.db' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.qosmserver' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.oimdb.db' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.wlsdb.db' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.LISTENER.lsnr' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.LISTENER_SCAN1.lsnr' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.LISTENER_SCAN2.lsnr' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.LISTENER_SCAN3.lsnr' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.cvu' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.srvdbwlr1.vip' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.srvdbwlr1.vip' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.LISTENER.lsnr' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.LISTENER_SCAN3.lsnr' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.LISTENER_SCAN1.lsnr' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.LISTENER_SCAN2.lsnr' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.scan1.vip' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.scan2.vip' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.scan3.vip' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.cvu' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.scan1.vip' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.scan2.vip' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.scan3.vip' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.chad' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.mgmtdb' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.qosmserver' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.mgmtdb' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.MGMTLSNR' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.asm' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.asm' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.ASMNET1LSNR_ASM.lsnr' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.MGMTLSNR' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.srvdbwlr2.vip' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.srvdbwlr2.vip' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.ASMNET1LSNR_ASM.lsnr' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.ons' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.ons' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.net1.network' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.net1.network' on 'srvdbwlr2' succeeded
CRS-2792: Shutdown of Cluster Ready Services-managed resources on 'srvdbwlr2' ha
s completed
CRS-2677: Stop of 'ora.crsd' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.asm' on 'srvdbwlr2'
```


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```
CRS-2673: Attempting to stop 'ora.crf' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.mdnsd' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.crf' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.mdnsd' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.asm' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.cluster_interconnect.haip' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.cluster_interconnect.haip' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.ctssd' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.evmd' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.ctssd' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.evmd' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.cssd' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.cssd' on 'srvdbwlr2' succeeded
CRS-2673: Attempting to stop 'ora.gipcd' on 'srvdbwlr2'
CRS-2673: Attempting to stop 'ora.gpnpd' on 'srvdbwlr2'
CRS-2677: Stop of 'ora.gpnpd' on 'srvdbwlr2' succeeded
CRS-2677: Stop of 'ora.gipcd' on 'srvdbwlr2' succeeded
CRS-2793: Shutdown of Oracle High Availability Services-managed resources on 'sr
vdbwlr2' has completed
CRS-4133: Oracle High Availability Services has been stopped.
```

Identificando las características del Nombre del Servicio en Uso

```
[root@srvdbwlr2 bin]# nslookup scan-cludbwlr
Server:         172.28.9.230
Address:        172.28.9.230#53

Name:   scan-cludbwlr.policia.gov.co
Address: 172.28.18.100
Name:   scan-cludbwlr.policia.gov.co
Address: 172.28.18.99
```

Identificando las configuraciones actuales de Tnsnames y Listener en el Nuevo Servidor y realizar las reconfiguraciones de servicios.

```
[oracle@srvdbwl  ~]$  cat  /u01/app/oracle/homes/OraDB21Home1/network/admin/listene
r.ora
# listener.ora Network Configuration File: /u01/app/oracle/homes/OraDB21Home1/ne
twork/admin/listener.ora
# Generated by Oracle configuration tools.

LISTENER =
  (DESCRIPTION_LIST =
    (DESCRIPTION =
      (ADDRESS = (PROTOCOL = TCP)(HOST = srvdbwl)(PORT = 1538))
      (ADDRESS = (PROTOCOL = IPC)(KEY = EXTPROC1538))
    )
  )
```


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```
[oracle@srvdbwl ~]$ export ORACLE_HOME=/u01/app/oracle/product/18.0.0/dbhome_1
[oracle@srvdbwl ~]$ export PATH=$ORACLE_HOME/bin:$PATH
[oracle@srvdbwl ~]$
[oracle@srvdbwl ~]$ ps -fea |grep pmon
oracle    5544     1  0 Jan21 ?        00:04:07 ora_pmon_cdbwls
oracle   27232     1  0 21:21 ?        00:00:00 ora_pmon_wlsdb
oracle   29281 28935  0 21:44 pts/1    00:00:00 grep --color=auto pmon
[oracle@srvdbwl ~]$ export ORACLE_SID=wlsdb
[oracle@srvdbwl ~]$ sqlplus "/As sysdba"

SQL*Plus: Release 18.0.0.0.0 - Production on Mon Feb 17 21:44:35 2025
Version 18.3.0.0.0

Copyright (c) 1982, 2018, Oracle.  All rights reserved.


Connected to:
Oracle Database 18c Enterprise Edition Release 18.0.0.0.0 - Production
Version 18.3.0.0.0

SQL> alter system register;

System altered.

SQL> exit
Disconnected from Oracle Database 18c Enterprise Edition Release 18.0.0.0.0 - Pr
oduction
Version 18.3.0.0.0
[oracle@srvdbwl ~]$ cd $ORACLE_HOME
[oracle@srvdbwl dbhome_1]$ cd network/admin/
[oracle@srvdbwl admin]$ ls -lrt
total 8
-rw-r--r--. 1 oracle oinstall 1441 Aug 26  2015 shrept.lst
drwxr-xr-x. 2 oracle oinstall   64 Feb  7  2018 samples
-rw-r--r--. 1 oracle oinstall  734 Jan 21 16:11 tnsnames.ora
[oracle@srvdbwl admin]$ more tnsnames.ora
OIMDB =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.18.3)(PORT = 1538))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = OIMDB.policia.gov.co)
    )
  )

WLSDB =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.18.3)(PORT = 1538))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = WLSDB)
    )
  )

WLSFRM =
  (DESCRIPTION =
```


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```
    (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.18.3)(PORT = 1521))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = WLSFRM)
    )
  )

WLSDBMIG =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = TCP)(HOST = scan-cludbwlr)(PORT = 1538))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = WLSDB)
    )
  )

[oracle@srvdbwl admin]$ tnsping WLSDB

TNS Ping Utility for Linux: Version 18.0.0.0.0 - Production on 17-FEB-2025
21:46                                                                  :25

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Used parameter files:


Used TNSNAMES adapter to resolve the alias
Attempting to contact (DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.1
8.3)(PORT = 1538)) (CONNECT_DATA = (SERVER = DEDICATED) (SERVICE_NAME = WLSDB)))
TNS-12543: TNS:destination host unreachable
[oracle@srvdbwl admin]$ vi tnsnames.ora
[oracle@srvdbwl admin]$ tnsping WLSDB

TNS Ping Utility for Linux: Version 18.0.0.0.0 - Production on 17-FEB-2025
21:47                                                                  :07

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Used parameter files:


Used TNSNAMES adapter to resolve the alias
Attempting to contact (DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.1
8.99)(PORT = 1538)) (CONNECT_DATA = (SERVER = DEDICATED) (SERVICE_NAME =
WLSDB))                                                                 )
OK (0 msec)
[oracle@srvdbwl admin]$ tnsping WLSDB

TNS Ping Utility for Linux: Version 18.0.0.0.0 - Production on 17-FEB-2025
21:47                                                                  :11

Copyright (c) 1997, 2018, Oracle.  All rights reserved.

Used parameter files:


Used TNSNAMES adapter to resolve the alias
```


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```
Attempting to contact (DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.1
8.99)(PORT = 1538)) (CONNECT_DATA = (SERVER = DEDICATED) (SERVICE_NAME =
WLSDB))
                                                                              )
OK (10 msec)
[oracle@srvdbwl admin]$ tnsping WLSDB

TNS Ping Utility for Linux: Version 18.0.0.0.0 - Production on 17-FEB-2025
21:47                                                                    :13

Copyright (c) 1997, 2018, Oracle.  All rights reserved.

Used parameter files:


Used TNSNAMES adapter to resolve the alias
Attempting to contact (DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.1
8.99)(PORT = 1538)) (CONNECT_DATA = (SERVER = DEDICATED) (SERVICE_NAME =
WLSDB))
                                                                              )
OK (0 msec)
[oracle@srvdbwl admin]$ tnsping WLSDB

TNS Ping Utility for Linux: Version 18.0.0.0.0 - Production on 17-FEB-2025
21:47                                                                    :14

Copyright (c) 1997, 2018, Oracle.  All rights reserved.

Used parameter files:


Used TNSNAMES adapter to resolve the alias
Attempting to contact (DESCRIPTION = (ADDRESS = (PROTOCOL = TCP)(HOST = 172.28.1
8.99)(PORT = 1538)) (CONNECT_DATA = (SERVER = DEDICATED) (SERVICE_NAME =
WLSDB))
                                                                              )
OK (0 msec)
[oracle@srvdbwl admin]$
[oracle@srvdbwl admin]$
[oracle@srvdbwl admin]$ sqlplus system/manager@wlsdb

SQL*Plus: Release 18.0.0.0.0 - Production on Mon Feb 17 21:50:05 2025
Version 18.3.0.0.0

Copyright (c) 1982, 2018, Oracle.  All rights reserved.

ERROR:
ORA-12514: TNS:listener does not currently know of service requested in connect
descriptor


Enter user-name:
ERROR:
ORA-01017: invalid username/password; logon denied


Enter user-name:
ERROR:
ORA-01017: invalid username/password; logon denied
```


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```
SP2-0157: unable to CONNECT to ORACLE after 3 attempts, exiting SQL*Plus
[oracle@srvdbwl admin]$
[oracle@srvdbwl admin]$ sqlplus "/As sysdba"

SQL*Plus: Release 18.0.0.0.0 - Production on Mon Feb 17 21:50:33 2025
Version 18.3.0.0.0

Copyright (c) 1982, 2018, Oracle.  All rights reserved.


Connected to:
Oracle Database 18c Enterprise Edition Release 18.0.0.0.0 - Production
Version 18.3.0.0.0

SQL> show parameter local
SP2-0735: unknown SHOW option beginning "paramete..."
SP2-0158: unknown SHOW option "local"
SQL> show parameter local

NAME                                 TYPE        VALUE
------------------------------------ ----------- ------------------------------
local_listener                       string      (ADDRESS = (PROTOCOL = TCP)(HO
                                                 ST = srvdbwl)(PORT = 1538))
parallel_force_local                 boolean     FALSE
SQL> exit
Disconnected from Oracle Database 18c Enterprise Edition Release 18.0.0.0.0 - Pr
oduction
Version 18.3.0.0.0
[oracle@srvdbwl admin]$ more /etc/hosts
127.0.0.1   localhost localhost.localdomain localhost4 localhost4.localdomain4
::1         localhost localhost.localdomain localhost6 localhost6.localdomain6


172.28.18.3   srvdbwl    srvdbwl

[oracle@srvdbwl admin]$ sqlplus "/As sysdba"

SQL*Plus: Release 18.0.0.0.0 - Production on Mon Feb 17 21:52:14 2025
Version 18.3.0.0.0

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Connected to:
Oracle Database 18c Enterprise Edition Release 18.0.0.0.0 - Production
Version 18.3.0.0.0

SQL> alter system register;
SP2-0734: unknown command beginning "alter sy..." - rest of line ignored.
SQL> alter system register;

System altered.
```


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Testeando las nuevas configuraciones

```
[oracle@srvdbwl ~]$ export ORACLE_HOME=/u01/app/oracle/product/21.0.0/dbhome_1
[oracle@srvdbwl ~]$ export PATH=$ORACLE_HOME/bin:$PATH
[oracle@srvdbwl ~]$ lsnrctl status

LSNRCTL for Linux: Version 21.0.0.0.0 - Production on 17-FEB-2025 21:54:34

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Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=srvdbwl)(PORT=1538)))
STATUS of the LISTENER
------------------------
Alias                     LISTENER
Version                   TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date                17-FEB-2025 21:43:13
Uptime                    0 days 0 hr. 11 min. 20 sec
Trace Level               off
Security                  ON: Local OS Authentication
SNMP                      OFF
Listener Parameter File     /u01/app/oracle/homes/OraDB21Home1/network/admin/liste
ner.ora
Listener Log File           /u01/app/oracle/diag/tnslsnr/srvdbwl/listener/alert/lo
g.xml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=srvdbwl)(PORT=1538)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1538)))
Services Summary...
Service "20c0ffecb76c594fe06303121cac3d47" has 1 instance(s).
  Instance "cdbwls", status READY, has 1 handler(s) for this service...
Service "c8209f27c6b16005e053362ee80ae60e" has 1 instance(s).
  Instance "cdbwls", status READY, has 1 handler(s) for this service...
Service "cdbwls" has 1 instance(s).
  Instance "cdbwls", status READY, has 1 handler(s) for this service...
Service "cdbwlsXDB" has 1 instance(s).
  Instance "cdbwls", status READY, has 1 handler(s) for this service...
Service "scan-cludbwlr" has 1 instance(s).
  Instance "wlsdb", status READY, has 1 handler(s) for this service...
Service "wlsdb" has 1 instance(s).
  Instance "wlsdb", status READY, has 1 handler(s) for this service...
Service "wlsfrm" has 1 instance(s).
  Instance "cdbwls", status READY, has 1 handler(s) for this service...
The command completed successfully
[oracle@srvdbwl ~]$
```


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1.8 Resumen de Horas de Soporte

ITEM	ACTIVIDAD	HORAS
1	Revisión de la plataforma de virtualización Linux	5
2	Revisión de individual de servidores de DB	23
3	Revisión estado de réplica de base de datos	5
4	Estado general del Almacenamiento (OS y LUNS) de las bases de datos	4
5	Validación I/O de los discos presentados a las bases de datos	4
6	Revisión de recursos de los servidores de base de datos	4
7	Revisión de los servicios de los clúster de las bases de datos	4
8	Revisión de logs de base de datos	4
9	Corrección de errores y afinamientos de los servidores de las bases de datos	11
10	Transferencia de Conocimiento PL/SQL, Talleres Presenciales.	40
11	Mover Servidores del SIATH Forms a Plataforma KVM	45
12	Mover BD del OIM a Plataforma KVM (Actividades Previas de Ajustes a la Réplica, Ventana de Mantenimiento y Soporte Post-Implementación)	28
13	Tratamiento Errores BD Ope1	8
14	Ajustes MTU y Seguimiento para BD de Réplica adm1stby y adm3stby	34
15	Mover BD del Repositorio del Forms del SIATH a Nuevo Servidores KVM y Alistamiento de VM Virtual con el Contenido para la transferencia de conocimiento PI/SQL	21
TOTAL		**240**

Cordialmente,

Ing. José Marcelino Escallón Morales
Representante Legal

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