MINISTERIO DE DEFENSA NACIONAL
POLICÍA NACIONAL
1702762276
OFICINA DE TECNOLOGÍAS DE LA INFORMACIÓN Y LAS COMUNICACIONES
GRUPO RED RADIO

Nro. GS-2025- / OFTIC – GUSIN – 20.1

Bogotá D.C., 10 de enero de 2025

Señora brigadier general
OLGA PATRICIA SALAZAR SÁNCHEZ
Directora Logística y Financiera
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 2024-11-19, certificación parafiscales de fecha 06/02/2025, planilla aportes seguridad social de fecha 06/02/2025, factura de venta No. EUPE 779 de fecha 06/02/2025, informe técnico del mes de enero 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. 02 que comprende el periodo de entrega del mes de enero del 2025 certificado por el supervisor, por un valor $25.500.000,00 (veinticinco millones quinientos mil de pesos m/cte).

Atentamente,

Teniente Coronel **WILSON FERNEY GONZÁLEZ MEDINA**
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: 10/02/2025
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

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, 10 de febrero 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.	02
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 POLICIA 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 julio 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		
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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
EUPE779	06/02/2025	$ 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 enero 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-2025-000210-OFTIC del 09/01/2025.

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.

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Página 3 de 3	PROCESO ADQUIRIR BIENES Y SERVICIOS	POLICIA NACIONAL
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Versión: 3		

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 105 horas de soporte en el presente periodo.
2	Servicio de Base de Datos	SI	Revisión individual de servidores de bases de datos (OPE1,OPE2, OPE3, ADM1 y ADM3). Revisión estado de réplicas de bases de datos. Estado general del almacenamiento de las bases de datos. Tareas de bases de datos: aplicación de parches ambiente WLS 21C, movimiento de base de datos WLS a nueva infraestructura, tratamiento de errores de base de datos IMPD, actualización de réplicas de base de datos OIM y aseguramiento de Backus de base de datos OIM.
3	Usuario Empresarial y Auditoría	SI	Creación de ambientes de OUD en sitio alterno.
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	Configuración de repositorio local en los servidores KVM de contingencia.
6	Sistema Operativo	SI	Ajustes de hora en servidores.
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 enero 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. Pendiente la transferencia de conocimiento para 8 funcionarios.
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.
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

GS-2025-001077-OFTIC

euphorianet
www.euphoria-net.com

FACTURA ELECTRONICA DE VENTA

EUPE 779

FECHA DE EXPEDICIÓN	FECHA DE VENCIMIENTO
6/Feb/2025	07/Abr/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: siifnacion.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	SEGUNDO 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 ENERO DE 2025 Y EL 31 DE ENERO DE 2025.	21.428.571.43

FAVOR CONSIGNAR EN LA CUENTA CORRIENTE N° 031-046190-85 DE BANCOLOMBIA Y TITULAR EUPHORIANET SAS

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:
#$16-01-01-000:06-7-10315-24:CLAUDIA.RODRIGUEZ1449@CORREO.POLICIA.GOV.CO#$

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

Cufe: 379dd4ad5b9810029724f4e7ea37df7943fc42990d43891dccc03716c7a731e364003d4cd4a6b7e59efe5b612c826e5e

HORA Y FECHA VALIDACION DIAN: 2025-02-06 10:17:50-05:00

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

ii REPRESENTACIONGRAFICA DE LA FACTURA ELECTRONICA DE VENTA !!

1702762276

GS-2025-001077-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
990. Lugar administrativo SUBDIRECCION DE FACTURA ELECTRONICA Y SOLUCI
991. Organización U.A.E. DIRECCION DE IMPUESTOS Y ADUANAS NACION
992. Área
993. Establecimiento

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

997. Fecha formalización 2024-11-19 15:43:33

AUTORIZADO

GS-2025-001077-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

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

1702762276

POLICÍA NACIONAL
DIRECCIÓN LOGÍSTICA Y FINANCIERA

CONTRATO 06-7-10315-2024

Informe de Actividades para el periodo comprendido entre el 01 de enero de 2025 y el 31 de enero de 2025

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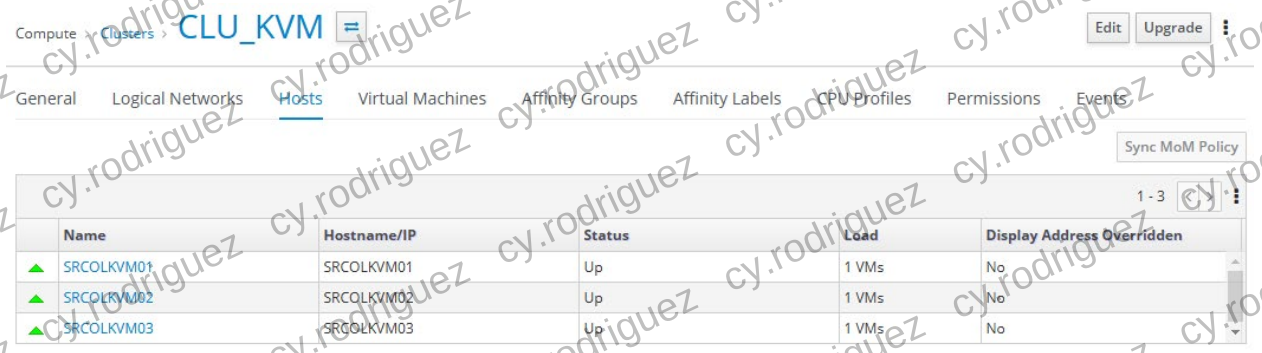
1 Actividades

El siguiente capitulo detalla las actividades realizadas por los ingenieros especialistas en sistemas operativos y bases de datos durante la ejecución de las tareas entre el 01 de enero de 2025 y el 31 de enero de 2025

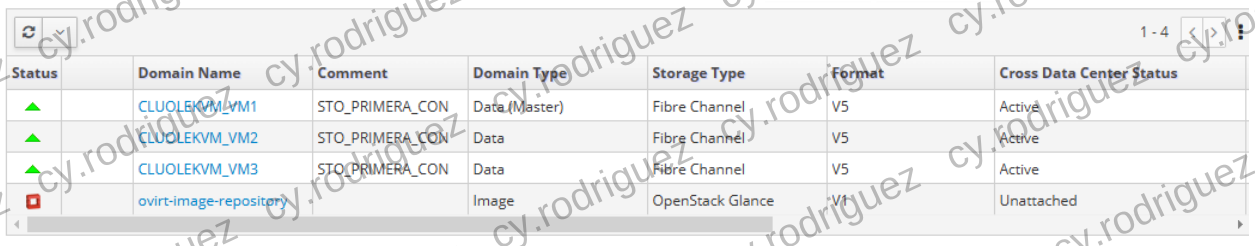
1.1 Configuración Repositorio Local Servidores KVM Contingencia

Se realiza la validación del cluster en contingencia




```
############## CLUSTER KVM ##############
172.22.91.222 srcolekvm srcolekvm.policia.gov.co
172.22.91.220 srcolkvm02 srcolkvm02.policia.gov.co
172.22.91.219 srcolkvm01 srcolkvm01.policia.gov.co
172.22.91.221 srcolkvm03 srcolkvm03.policia.gov.co
```

se realiza la validación de repositorios locales



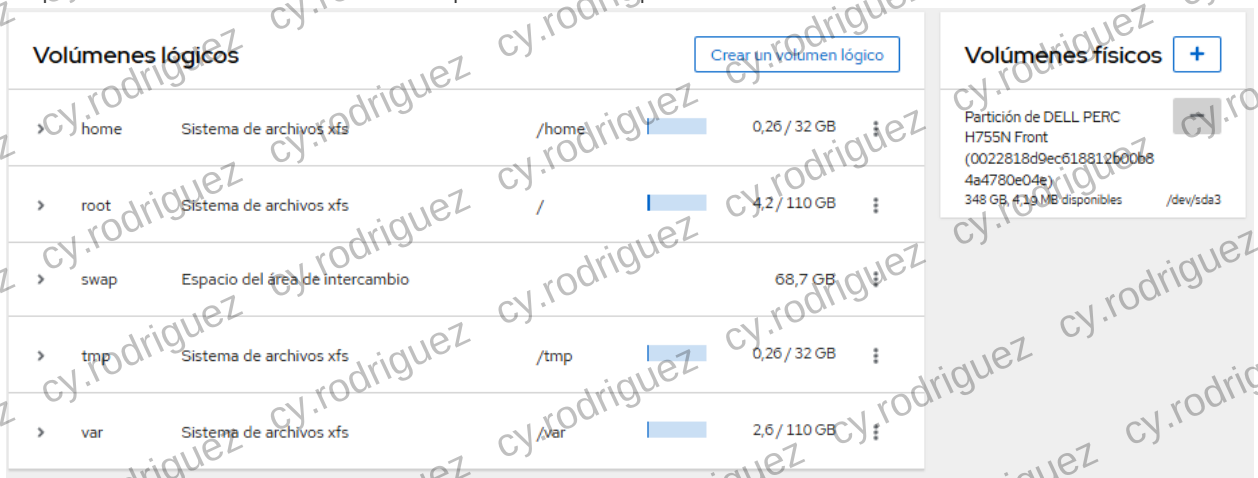

```
[root@srcolkvm01 ~]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  4.0K  496G   1% /dev/shm
tmpfs                     496G  787M  495G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srcolkvm-root  100G  4.0G   97G   4% /
/dev/sda2                 2.0G  414M  1.6G  21% /boot
/dev/mapper/srcolkvm-home  30G  248M   30G   1% /home
/dev/mapper/srcolkvm-tmp   30G  248M   30G   1% /tmp
/dev/mapper/srcolkvm-var  100G  2.4G   98G   3% /var
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
tmpfs                     100G     0  100G   0% /run/user/0
```

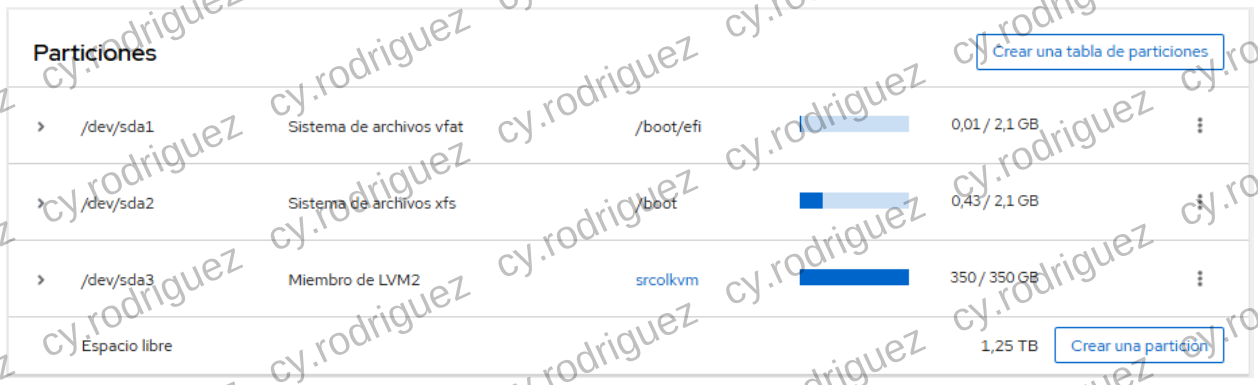
```
[root@srcolkvm02 ~]# df -h
Filesystem                  Size  Used Avail Use% Mounted on
devtmpfs                    496G     0  496G   0% /dev
tmpfs                       496G  4.0K  496G   1% /dev/shm
tmpfs                       496G  811M  495G   1% /run
tmpfs                       496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srcolkvm-root   100G  4.0G   97G   4% /
/dev/sda2                   2.0G  414M  1.6G  21% /boot
/dev/mapper/srcolkvm-home    30G  248M   30G   1% /home
/dev/mapper/srcolkvm-var    100G  2.5G   98G   3% /var
/dev/mapper/srcolkvm-tmp     30G  248M   30G   1% /tmp
/dev/sda1                   2.0G  5.1M  2.0G   1% /boot/efi
tmpfs                       100G     0  100G   0% /run/user/0
```

```
[root@srcolkvm03 ~]# df -h
Filesystem                                                  Size  Used Avail Use% Mounted on
devtmpfs                                                    496G     0  496G   0% /dev
tmpfs                                                       496G  4.0K  496G   1% /dev/shm
tmpfs                                                       496G  843M  495G   1% /run
tmpfs                                                       496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srcolkvm-root                                   100G  4.0G   97G   4% /
/dev/sda2                                                   2.0G  414M  1.6G  21% /boot
/dev/sda1                                                   2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srcolkvm-var                                    100G  2.5G   98G   3% /var
/dev/mapper/srcolkvm-home                                    30G  248M   30G   1% /home
/dev/mapper/srcolkvm-tmp                                     30G  248M   30G   1% /tmp
/dev/mapper/abc760da--1aad--4444--ad4a--192fcbced930-master  975M   68K  924M   1% /rhev/data-center
4a-192fcbced930/master
tmpfs                                                       100G     0  100G   0% /run/user/0
```

pero no se cuenta con un repositorio local.

se procede a la creación de un repositorio local para el servidor srcolkvm01



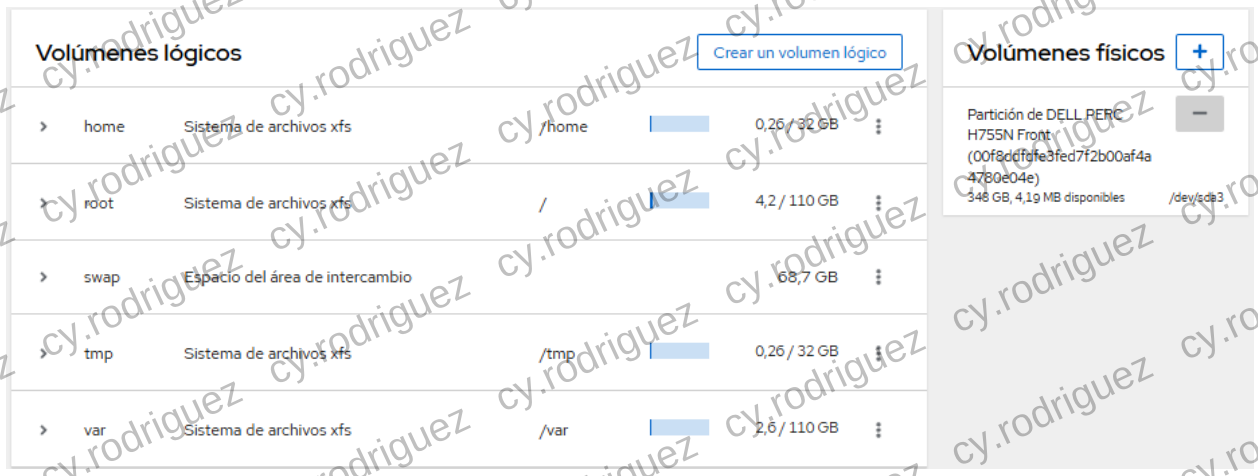


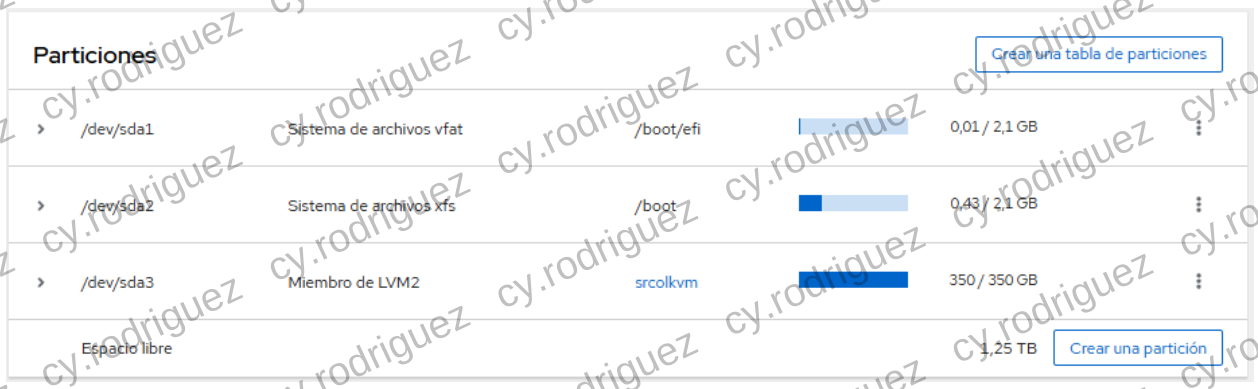
se crea la partición de 1.25TB

```
[root@srcolkvm01 ~]# df -h
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  4.0K  496G   1% /dev/shm
tmpfs                     496G  787M  495G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srcolkvm-root 100G  4.0G   97G   4% /
/dev/sda2                 2.0G  414M  1.6G  21% /boot
/dev/mapper/srcolkvm-home  30G  248M   30G   1% /home
/dev/mapper/srcolkvm-tmp   30G  248M   30G   1% /tmp
/dev/mapper/srcolkvm-var  100G  2.4G   98G   3% /var
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
tmpfs                     100G     0  100G   0% /run/user/0
/dev/sda4                 1.2T  8.2G  1.2T   1% /repo_local
```

se procede a la creación de un repositorio local para el servidor srcolkvm02

euphorianet
www.euphoria-net.com

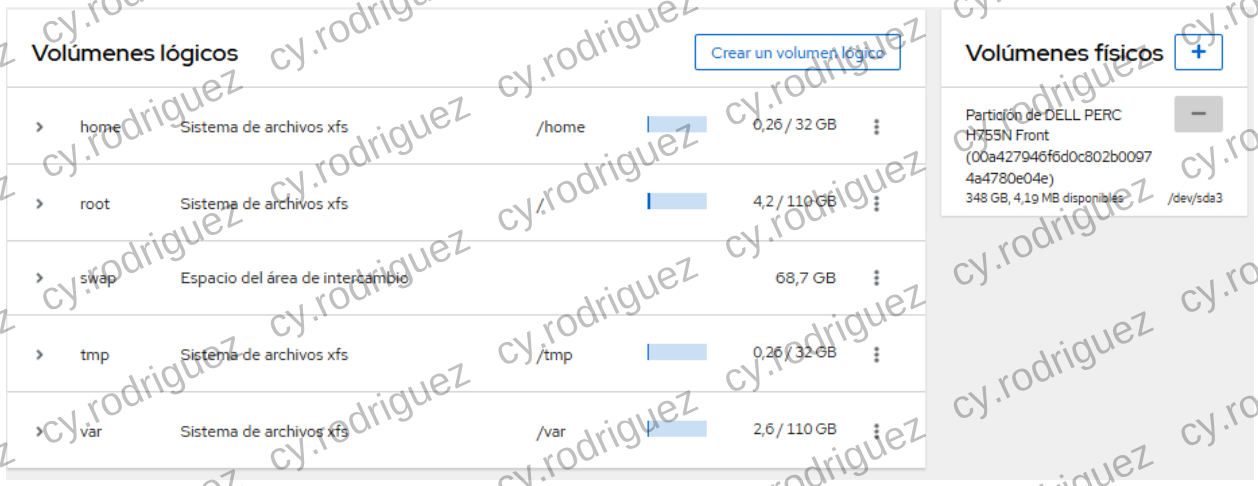


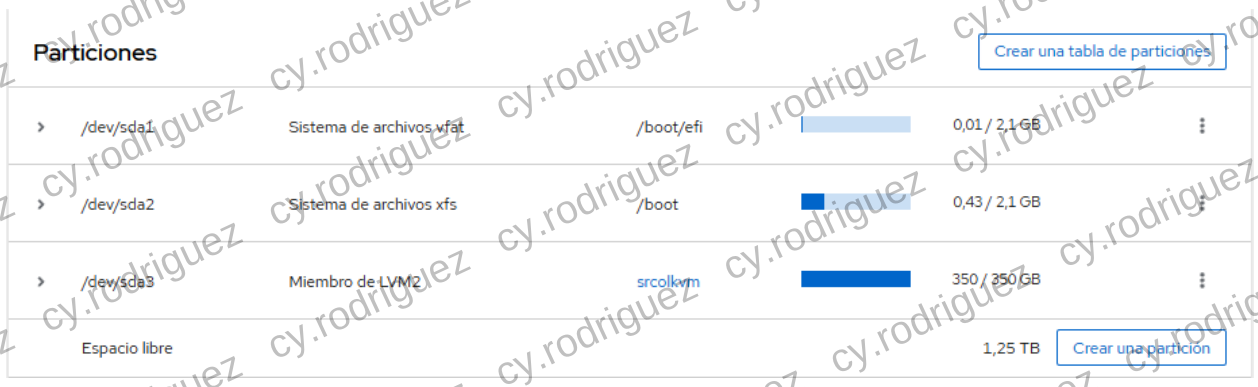


se crea la partición de 1.25TB

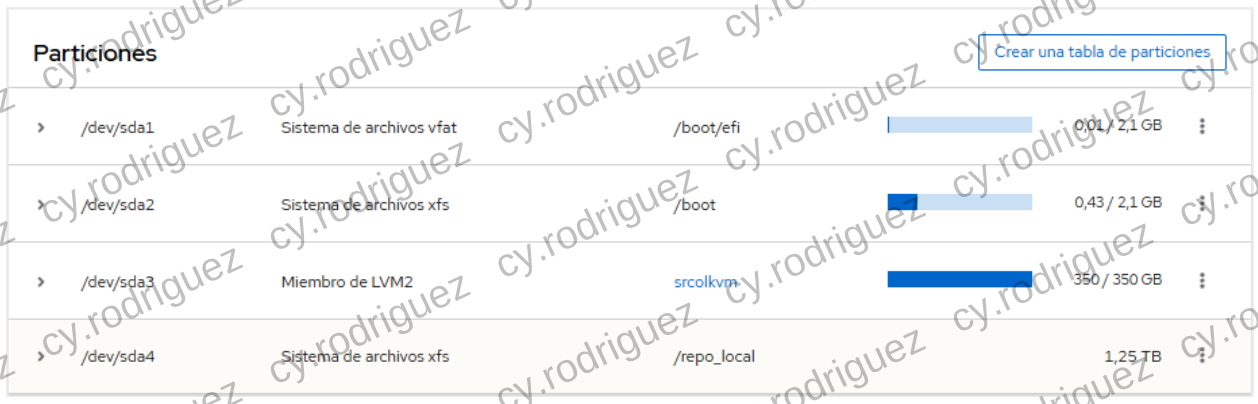
```
[root@srcolkvm02 ~]# df -h
Filesystem                  Size  Used Avail Use% Mounted on
devtmpfs                    496G     0  496G   0% /dev
tmpfs                       496G  4.0K  496G   1% /dev/shm
tmpfs                       496G  811M  495G   1% /run
tmpfs                       496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srcolkvm-root   100G  4.0G   97G   4% /
/dev/sda2                   2.0G  414M  1.6G  21% /boot
/dev/mapper/srcolkvm-home    30G  248M   30G   1% /home
/dev/mapper/srcolkvm-var    100G  2.5G   98G   3% /var
/dev/mapper/srcolkvm-tmp     30G  248M   30G   1% /tmp
/dev/sda1                   2.0G  5.1M  2.0G   1% /boot/efi
tmpfs                       100G     0  100G   0% /run/user/0
/dev/sda4                   1.2T  8.2G  1.2T   1% /repo_local
```

se procede a la creación de un repositorio local para el servidor srcolkvm03





se crea la partición de 1.25TB



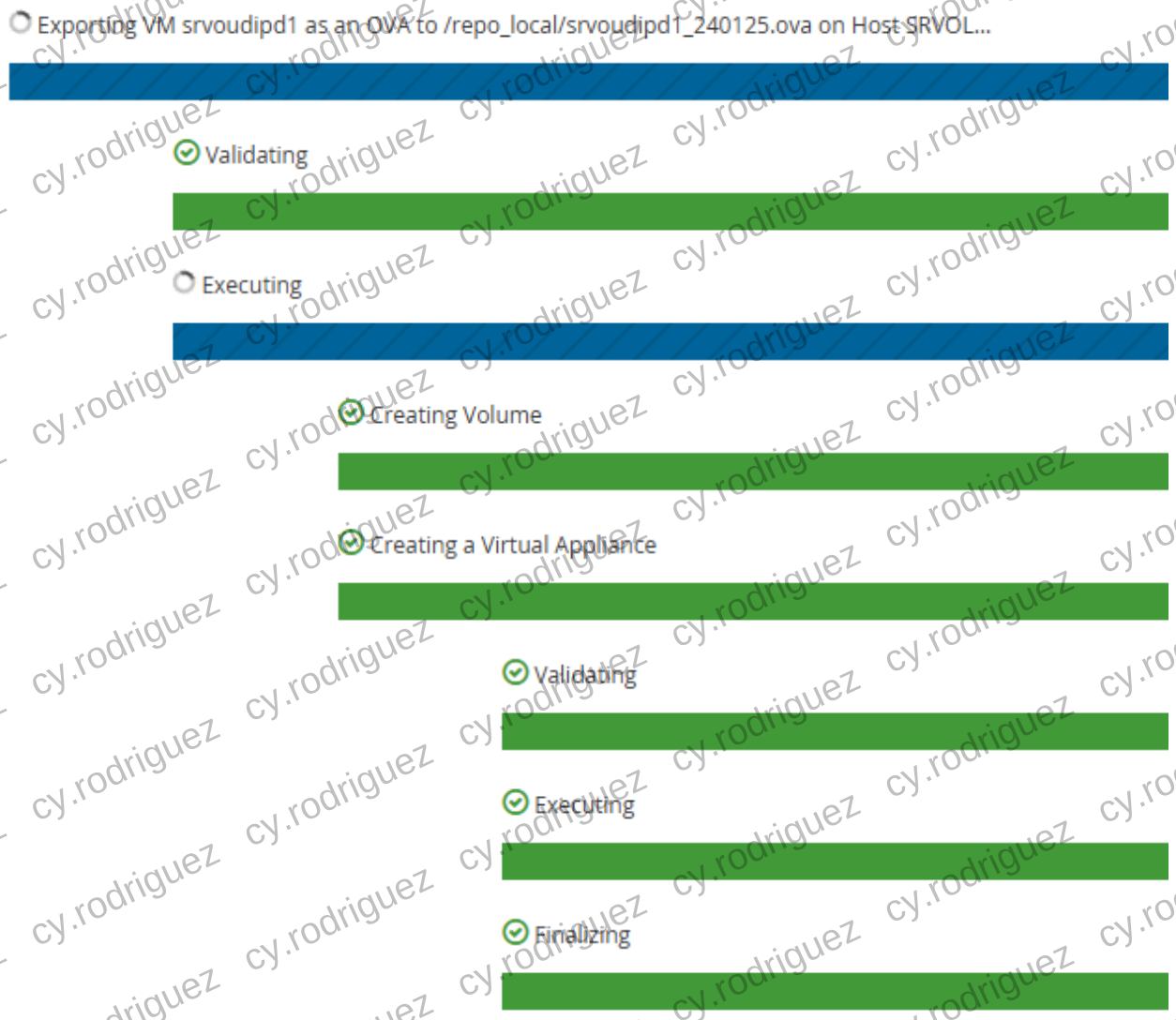

```
[root@srcolkvm03 ~]# df -h
Filesystem                                                Size  Used Avail Use% Mounted on
devtmpfs                                                  496G     0  496G   0% /dev
tmpfs                                                     496G  4.0K  496G   1% /dev/shm
tmpfs                                                     496G  843M  495G   1% /run
tmpfs                                                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srcolkvm-root                                 100G  4.0G   97G   4% /
/dev/sda2                                                 2.0G  414M  1.6G  21% /boot
/dev/sda1                                                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srcolkvm-var                                  100G  2.5G   98G   3% /var
/dev/mapper/srcolkvm-home                                  30G  248M   30G   1% /home
/dev/mapper/srcolkvm-tmp                                   30G  248M   30G   1% /tmp
/dev/mapper/abc760da--1aad--4444--ad4a--192fcbced930-master  975M   68K  924M   1% /rhev/data-center
a-192fcbced930/master
tmpfs                                                     100G     0  100G   0% /run/user/0
/dev/sda4                                                 1.2T  8.2G  1.2T   1% /repo_local
[root@srcolkvm03 ~]#
```

1.2 Creación ambientes de OUD Sitio Alterno

Se realiza la creación del ambiente de OUD en sitio alterno, el cual está conformado por dos servidores con las siguientes características cada uno.

vCPU : 4
RAM : 64GB
DD : 300GB
NIC : 1

Se realiza la copia desde el sitio principal al sitio alterno creando por cada servidor un Open Virtualization Appliance (OVA), para poder replicar en sitio alterno y realizar las posteriores configuraciones.




```
[root@SRVOLKVM01 repo_local]#
[root@SRVOLKVM01 repo_local]#
[root@SRVOLKVM01 repo_local]# ls -ltrh
total 29G
-rw-rw----. 1 root root 301G Jan 24 19:11 srvoudipd1_240125.ova
[root@SRVOLKVM01 repo_local]#
[root@SRVOLKVM01 repo_local]# _

[root@SRVOLKVM02 repo_local]#
[root@SRVOLKVM02 repo_local]#
[root@SRVOLKVM02 repo_local]#
[root@SRVOLKVM02 repo_local]# ll
total 29436068
-rw-rw----. 1 root root 322171982848 Jan 24 18:10 srvoudipd2_240125.ova
[root@SRVOLKVM02 repo_local]#
[root@SRVOLKVM02 repo_local]#
```

copia a sitio alterno

```
[root@SRVOLKVM01 repo_local]# scp srvoudipd1_240125.ova srcolkvm01:/repo_local
The authenticity of host 'srcolkvm01 (172.22.91.219)' can't be established.
ECDSA key fingerprint is SHA256:24WK1eJzGz+XzJ3ZnyiAj0Z0F5Zvzkcb/ANnEuBgzTM.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'srcolkvm01,172.22.91.219' (ECDSA) to the list of known hosts.
root@srcolkvm01's password:
srvoudipd1_240125.ova                                         100%  300GB 123.4MB/s   41:30    B
[root@SRVOLKVM01 repo_local]#
```

```
[root@SRVOLKVM02 repo_local]# scp srvoudipd2_240125.ova srcolkvm02:/repo_local
The authenticity of host 'srcolkvm02 (172.22.91.220)' can't be established.
ECDSA key fingerprint is SHA256:z0DxfcM1wH34vCNgsbnzSI2qiYSv1O0PWbmep5Xyr1g.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'srcolkvm02,172.22.91.220' (ECDSA) to the list of known hosts.
root@srcolkvm02's password:
srvoudipd2_240125.ova                                          93%  279GB 140.2MB
srvoudipd2_240125.ova                                         100%  300GB 135.5MB/s   37:46
[root@SRVOLKVM02 repo_local]#
```

se recrea los servidores en contingencia, cambiando la dirección IP y el nombre de los mismos.

		Name	Comment	Host	IP Addresses	FQDN
▲		SRCOUDIPD1	servidor p...	SRCOLKVM03	172.22.91.241 fe8...	srcoudipd1
▲		SRCOUDIPD2	servidor p...	SRCOLKVM02	172.22.91.242 fe8...	srcoudipd2

```
[root@srcoudipd1 ~]# hostanmectl
-bash: hostanmectl: command not found
[root@srcoudipd1 ~]# hostnamectl
   Static hostname: srcoudipd1
         Icon name: computer-vm
           Chassis: vm
        Machine ID: 67bfeda557a8429bb03b9f77d45d204d
           Boot ID: d45873d1638c4b09a8e540cbf7822dd3
    Virtualization: kvm
  Operating System: Oracle Linux Server 7.9
       CPE OS Name: cpe:/o:oracle:linux:7:9:server
            Kernel: Linux 5.4.17-2011.6.2.el7uek.x86_64
      Architecture: x86-64
[root@srcoudipd1 ~]# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether 56:6f:9a:e5:00:0c brd ff:ff:ff:ff:ff:ff
    inet 172.22.91.241/24 brd 172.22.91.255 scope global noprefixroute eth0
       valid_lft forever preferred_lft forever
    inet6 fe80::546f:9aff:fee5:c/64 scope link
       valid_lft forever preferred_lft forever
[root@srcoudipd1 ~]#
```


1702762276

```
[root@srcoudipd2 ~]# hostnamectl
   Static hostname: srcoudipd2
         Icon name: computer-vm
           Chassis: vm
        Machine ID: dc360d1adc6e46f3bafafb4e39dac79c
           Boot ID: 3a012bd7380e4f04b6e2f15db21e5121
    Virtualization: kvm
  Operating System: Oracle Linux Server 7.9
       CPE OS Name: cpe:/o:oracle:linux:7:9:server
            Kernel: Linux 5.4.17-2011.6.2.el7uek.x86_64
      Architecture: x86-64
[root@srcoudipd2 ~]# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether 56:6f:9a:e5:00:18 brd ff:ff:ff:ff:ff:ff
    inet 172.22.91.242/24 brd 172.22.91.255 scope global noprefixroute eth0
       valid_lft forever preferred_lft forever
    inet6 fe80::546f:9aff:fee5:18/64 scope link
       valid_lft forever preferred_lft forever
[root@srcoudipd2 ~]#
```

1.3 Ajuste de la hora de Servidores

Se realiza la validación de los servidores ya que presentaban un problema de sincronización, a lo cual se denota que uno de ellos estaba en diferente zona horaria.

```
[root@SRVOLKVM01 repo_local]# timedatectl
               Local time: Sat 2025-01-25 13:36:43 -04
           Universal time: Sat 2025-01-25 17:36:43 UTC
                 RTC time: Sat 2025-01-25 17:37:06
                Time zone: America/Caracas (-04, -0400)
System clock synchronized: no
              NTP service: active
          RTC in local TZ: no
```

se realiza la reconfiguración de la zona horaria, aplicando la zona correspondiente a America/Bogota.

```
[root@SRVOLKVM01 repo_local]# timedatectl
               Local time: Sat 2025-01-25 12:38:07 -05
           Universal time: Sat 2025-01-25 17:38:07 UTC
                 RTC time: Sat 2025-01-25 17:38:30
                Time zone: America/Bogota (-05, -0500)
System clock synchronized: no
              NTP service: active
          RTC in local TZ: no
```

1.4 Revisión Replicas de Bases de Datos.

Se revisa el estado de las replicaciones de las bases de datos.

contenedor OPE1

```
DGMGRL> /

Database - ope1stby

  Role:                PHYSICAL STANDBY
  Intended State:      APPLY-ON
  Transport Lag:       26 minutes 12 seconds (computed 1 second ago)
  Apply Lag:           26 minutes 14 seconds (computed 1 second ago)
  Average Apply Rate:  12.80 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

Database Status:
WARNING
```

contenedor OPE2

```
DGMGRL> show database ope2stby

Database - ope2stby

  Role:                PHYSICAL STANDBY
  Intended State:      APPLY-ON
  Transport Lag:       0 seconds (computed 1 second ago)
  Apply Lag:           3 seconds (computed 1 second ago)
  Average Apply Rate:  20.94 MByte/s
  Real Time Query:     OFF
  Instance(s):
    ope2stby1 (apply instance)
    ope2stby2

Database Status:
DGM-17016: failed to retrieve status for database "ope2stby"
ORA-16665: time out waiting for the result from a member
```

contenedor OPE3

```
DGMGRL> show database ope3stby

Database - ope3stby

  Role:                PHYSICAL STANDBY
  Intended State:      APPLY-ON
  Transport Lag:       1 second (computed 1 second ago)
  Apply Lag:           48 seconds (computed 1 second ago)
  Average Apply Rate:  13.96 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
```

contenedor ADM1

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```
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:  11.26 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
```

contenedor ADM2

```
DGMGRL> show database adm2stby

Database - adm2stby

  Role:                PHYSICAL STANDBY
  Intended State:      APPLY-ON
  Transport Lag:       0 seconds (computed 0 seconds ago)
  Apply Lag:           0 seconds (computed 0 seconds ago)
  Average Apply Rate:  11.11 MByte/s
  Real Time Query:     ON
  Instance(s):
    adm2stby1

Database Status:
SUCCESS
```

contenedor ADM3

1702762276

```
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:  14.13 MByte/s
  Real Time Query:     OFF
  Instance(s):
    adm3stby1 (apply instance)
    adm3stby2

Database Status:
DGM-17016: failed to retrieve status for database "adm3stby"
ORA-16662: network timeout when contacting a member
```

1.5 Revisión Individual de Servidores de BD

Se inspecciona el estado del almacenamiento entregado a los servidores que componen las bases de datos.

1.5.1 OPE1

Estado del Servidor srvdbo01

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 11:41:19 up 82 days, 14 min,  5 users,  load average: 73.69, 73.05, 73.12
Tasks: 6013 total,  76 running, 5933 sleeping,   0 stopped,   4 zombie
%Cpu(s): 47.0 us,  3.9 sy,  0.0 ni, 47.7 id,  0.2 wa,  0.4 hi,  0.9 si,  0.0 st
```

MiB Mem : 1014539.+total, 411397.6 free, 470600.6 used, 132541.5 buff/cache
MiB Swap: 65536.0 total, 65536.0 free, 0.0 used. 526082.2 avail Mem

```
   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
1027928 oracle    20   0  270.6g 216872 129464 R 100.0   0.0  31076:49 ora_p01+
1184557 oracle    20   0  270.7g 237740 151812 R 100.0   0.0  26934:51 ora_p01+
1185903 oracle    20   0  270.6g 221284 141660 R 100.0   0.0  16519:27 ora_p02+
1186063 oracle    20   0  270.6g 210128 143000 R 100.0   0.0  10407:29 ora_p02+
1186068 oracle    20   0  270.7g 222768 139948 R 100.0   0.0  16334:29 ora_p02+
1186107 oracle    20   0  270.6g 204304 141032 R 100.0   0.0  14568:18 ora_p02+
1187668 oracle    20   0  270.6g 229560 144536 R 100.0   0.0  22317:50 ora_p01+
1200857 oracle    20   0  270.6g 224196 140724 R 100.0   0.0  23013:00 ora_p02+
```

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  3.1G  493G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  8.5G   42G  17% /
/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  375G  125G  76% /u01
/dev/mapper/srvdbo-var    20G   10G   11G  50% /var
/dev/mapper/mpathay1      15T  7.0T  6.9T  51% /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/54321
tmpfs                 100G     0  100G   0% /run/user/54325
tmpfs                 100G     0  100G   0% /run/user/54327
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         459         401          11         129         513
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid      46287      1  0  2024 ?        00:11:06 asm_pmon_+ASM1
grid      48018      1  0  2024 ?        00:10:15 apx_pmon_+APX1
oracle    48642      1  0  2024 ?        01:19:50 ora_pmon_cdb1ope1
root     695569 695272  0 11:41 pts/5    00:00:00 /bin/sh -c ps -fea | grep pmon
root     695572 695569  0 11:41 pts/5    00:00:00 grep pmon
```

Servicio de Listener de los Nodos de BD

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

Estado del Servidor srvdbo02

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 12:55:47 up 82 days,  1:12,  2 users,  load average: 7.17, 8.33, 9.26
Tasks: 3031 total,   7 running, 3020 sleeping,   0 stopped,   4 zombie
%Cpu(s):  2.8 us,  1.4 sy,  0.0 ni, 94.9 id,  0.0 wa,  0.2 hi,  0.7 si,  0.0 st
MiB Mem : 1014539.+total, 449153.8 free, 453990.8 used, 111395.0 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 541676.1 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
4159178 oracle    20   0  270.9g 414936 124316 R  95.8   0.0 457:03.14 ora_p04+
1629227 oracle    20   0  270.6g 139704 119180 R  79.2   0.0   0:11.63 oracle_+
1628494 oracle    20   0  270.6g 133440 114556 R  62.5   0.0   0:04.30 oracle_+
1567027 oracle    20   0  270.6g 131200 115236 R  37.5   0.0   2:11.22 oracle_+
1616900 oracle    20   0  270.6g 143648 116884 S  37.5   0.0   0:12.59 oracle_+
4159184 oracle    20   0  270.8g 318212 129584 S  33.3   0.0 397:00.89 ora_p04+
1632960 root      20   0   68656   8280   4272 R  29.2   0.0   0:00.15 top
4159180 oracle    20   0  270.7g 273672 131056 R  29.2   0.0 436:47.20 ora_p04+
```

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  4.1G  492G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  9.0G   42G  18% /
/dev/mapper/srvdbo-home   50G  454M   50G   1% /home
/dev/sda2             2.0G  527M  1.5G  26% /boot
/dev/mapper/srvdbo-tmp    20G  177M   20G   1% /tmp
/dev/sda1             2.0G  5.1M  2.0G   1% /boot/efi
```

/dev/mapper/srvdbo-u01 500G 340G 160G 69% /u01
/dev/mapper/srvdbo-var 20G 13G 8.0G 61% /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/54327
tmpfs 100G 0 100G 0% /run/user/54321

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	443	438	12	108	528
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

grid 43301 1 0 2024 ? 00:12:28 asm_pmon_+ASM2
grid 44449 1 0 2024 ? 00:11:32 apx_pmon_+APX2
oracle 47925 1 0 2024 ? 01:01:27 ora_pmon_cdb1ope2
root 1632966 1632921 0 12:55 pts/1 00:00:00 /bin/sh -c ps -fea | grep pmon
root 1632968 1632966 0 12:55 pts/1 00:00:00 grep pmon

Servicio de Listener de los Nodos de BD

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

Estado del Servidor srvdbo10

Informe de fecha Tuesday 28 de January de 2025 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

Información del Procesamiento del Servidor

top - 14:43:46 up 11 days, 4:48, 1 user, load average: 8.72, 8.58, 7.73
Tasks: 2914 total, 7 running, 2904 sleeping, 0 stopped, 3 zombie
%Cpu(s): 4.0 us, 0.6 sy, 0.0 ni, 95.0 id, 0.0 wa, 0.1 hi, 0.2 si, 0.0 st
MiB Mem : 1014539.+total, 529795.6 free, 451833.4 used, 32910.8 buff/cache
MiB Swap: 65536.0 total, 65536.0 free, 0.0 used. 550145.6 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
2660600	oracle	20	0	267.7g	177992	121360	R	95.2	0.0	36:43.90	oracle_+
2895144	oracle	20	0	267.6g	127400	113300	R	95.2	0.0	0:29.09	oracle_+

```
2873377 oracle   20   0  267.6g 110796 100308 R  85.7   0.0   7:59.60 oracle_+
2878341 oracle   20   0  267.6g 152420 122060 R  76.2   0.0   0:24.63 oracle_+
2873624 oracle   20   0  267.6g 153888 128696 S  71.4   0.0   0:31.18 oracle_+
2899112 oracle   20   0  267.6g 140312 118540 S  57.1   0.0   0:04.29 oracle_+
2903393 oracle   20   0  267.6g 104600  94564 R  42.9   0.0   0:00.09 oracle_+
 89257 root     20   0   10.7g 586364  11144 S  19.0   0.1   4359:19 ragent
```

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  967M  495G   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  222G  278G  45% /u01
/dev/mapper/srvdbo10-home   50G  391M   50G   1% /home
/dev/mapper/srvdbo10-var    20G   20G   67M 100% /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 la Memoria RAM del Servidor

```
              total        used        free      shared  buff/cache   available
Mem:            990         441         517           6          32         537

Swap:            63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     60286     1  0 Jan17 ?        00:01:36 asm_pmon_+ASM3
grid     60919     1  0 Jan17 ?        00:01:33 apx_pmon_+APX3
oracle   62339     1  0 Jan17 ?        00:08:24 ora_pmon_cdb1ope3
root   2903402 2903380  0 14:43 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root   2903404 2903402  0 14:43 pts/0    00:00:00 grep pmon
```

Servicio de Listener de los Nodos de BD

Listener LISTENER is enabled

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

Estado del Servidor srvdbo16

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 14:48:25 up 133 days,  1:35,  1 user,  load average: 9.93, 10.33, 10.02
Tasks: 3129 total,  10 running, 3116 sleeping,   0 stopped,   3 zombie
%Cpu(s):  5.9 us,  0.8 sy,  0.0 ni, 92.7 id,  0.0 wa,  0.3 hi,  0.4 si,  0.0 st
MiB Mem : 1014539.+total, 441005.8 free, 460148.8 used, 113385.1 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 538483.8 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
1307220 root     -30   0 2154720 696204 117152 S 112.5   0.1  30427:28 osysmon+
3119647 oracle    20   0  267.6g 126900 112960 R  91.7   0.0  10:58.76 oracle_+
3162732 oracle    20   0  267.6g 147216 125408 R  91.7   0.0   0:15.16 oracle_+
  25320 oracle    20   0  267.6g 126304 113828 R  62.5   0.0   1:55.87 oracle_+
  28073 oracle    20   0  267.6g 129216 115236 R  62.5   0.0   1:38.64 oracle_+
3010047 oracle    20   0  267.6g 160584 134712 R  45.8   0.0  17:24.88 oracle_+
2406276 root      20   0   17.4g 717456  11004 S  37.5   0.1  21476:26 ragent
2891588 oracle    20   0  267.6g 114940 103000 S  33.3   0.0   1:02.64 oracle_+
```

Información del Espacio del Servidor

```
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  6.1G  490G   2% /dev/shm
tmpfs                     496G  4.0G  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
/dev/mapper/srvdbo-tmp     20G  176M   20G   1% /tmp
/dev/sda1                 2.0G  5.1M  2.0G   1% /boot/efi
/dev/mapper/srvdbo-u01    500G  219G  281G  44% /u01
/dev/mapper/srvdbo-var     20G  9.7G   11G  49% /var
```

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```
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 la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:            990         449         430          10         110         525
Swap:            63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     1311268       1  0  2024 ?        00:18:22 asm_pmon_+ASM4
grid     1311970       1  0  2024 ?        00:17:30 apx_pmon_+APX4
grid     1325505       1  0  2024 ?        00:19:00 ora_pmon_-MGMTDB
oracle   2595323       1  0  2024 ?        00:30:27 ora_pmon_cdb1ope4
root     3179010 3178976  0 14:48 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root     3179012 3179010  0 14:48 pts/0    00:00:00 grep pmon
```

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 28-JAN-2025 11:41:20

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                    82 days 0 hr. 10 min. 10 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)))
```

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(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).
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
```

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```
               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
     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
```

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```
      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
      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
```

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```
      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
```

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```
     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
     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
--------------------------------------------------------------------------------
```


1702762276

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

1.5.2 OPE2

Estado del Servidor srvdbo03

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 13:07:21 up 5 days, 16:08,  3 users,  load average: 3.66, 3.07, 2.92
Tasks: 3735 total,   3 running, 3731 sleeping,   0 stopped,   1 zombie
%Cpu(s):  1.6 us,  0.8 sy,  0.0 ni, 97.1 id,  0.0 wa,  0.2 hi,  0.3 si,  0.0 st
MiB Mem : 1014539.+total,  15861.2 free, 450458.6 used, 548219.9 buff/cache
MiB Swap:  65536.0 total,  64626.7 free,    909.2 used. 551927.1 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
3691629 root      20   0   69604   8876   4092 R  40.0   0.0   0:00.20 top
3691617 oracle    20   0  158.0g 116440 103392 R  36.0   0.0   0:00.17 oracle_+
1814122 oracle    20   0  158.1g 190464 125620 S  32.0   0.0  88:24.35 ora_ppa+
  28562 root      20   0 4477788 183288  67572 S  12.0   0.0 150:24.77 crsd.bin
  32413 oracle    20   0  158.1g 164188 118108 S  12.0   0.0  53:25.60 ora_p00+
  30051 oracle    20   0 1660632 101272  60252 S   8.0   0.0  28:58.88 oraagen+
  30344 oracle    20   0  158.4g 148804 109172 S   8.0   0.0 130:42.49 ora_scm+
  32415 oracle    20   0  158.3g 332364 120688 S   8.0   0.0 250:00.46 ora_p00+
```

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  237M  496G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  9.1G   41G  19% /
```

```
/dev/mapper/srvdbo-var   20G  17G  3.4G  84% /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  177M  20G   1% /tmp
/dev/mapper/srvdbo-u01  500G  492G  8.0G  99% /u01
/dev/mapper/mpaths1      15T  7.3T  6.5T  53% /bkp
tmpfs                   100G    0  100G   0% /run/user/54324
tmpfs                   100G    0  100G   0% /run/user/54328
tmpfs                   100G    0  100G   0% /run/user/54321
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         439          15           6         535         538
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid      29546      1  0 Jan22 ?        00:00:53 asm_pmon_+ASM1
oracle    30129      1  0 Jan22 ?        00:06:29 ora_pmon_cdb2ope1
grid    1755460      1  0 Jan27 ?        00:00:08 ora_pmon_-MGMTDB
root    3691640 3691620  0 13:07 pts/1    00:00:00 /bin/sh -c ps -fea | grep pmon
root    3691642 3691640  0 13:07 pts/1    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 del Servidor srvdbo11

Informe de fecha Tuesday 28 de January de 2025 del servidor srvdbo11

Información del Servidor

```
 Static hostname: srvdbo11
       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
```

Información del Procesamiento del Servidor

```
top - 14:51:26 up 23:48,  1 user,  load average: 2.17, 2.03, 2.08
Tasks: 2611 total,   6 running, 2604 sleeping,   0 stopped,   1 zombie
%Cpu(s):  1.2 us,  1.3 sy,  0.0 ni, 97.1 id,  0.0 wa,  0.2 hi,  0.3 si,  0.0 st
MiB Mem : 1014539.+total, 572155.8 free, 429594.1 used,  12790.0 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 575048.4 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
 31078 oracle    20   0  155.1g 189336 126792 S  34.8   0.0 113:41.44 ora_ppa+
1645784 root     20   0   68260   7856   4372 R  26.1   0.0   0:00.14 top
 30214 oracle    20   0  155.3g 147024 114372 S   8.7   0.0  24:31.03 ora_scm+
 30324 oracle    20   0  155.3g 146796 114912 S   8.7   0.0  27:00.52 ora_scm+
 30602 oracle    20   0  155.0g  82264  75444 S   8.7   0.0  43:10.78 ora_lg0+
1638676 oracle   20   0  156.0g 103396  95692 S   8.7   0.0   0:05.73 oracle_+
1645790 root     20   0   55832   3692   3260 R   8.7   0.0   0:00.02 ps
  617 root     20   0       0      0      0 S   4.3   0.0   0:00.28 ksoftir+
```

Información del Espacio del Servidor

```
Filesystem             Size  Used Avail Use% Mounted on
devtmpfs               496G     0  496G   0% /dev
tmpfs                  496G  4.7G  491G   1% /dev/shm
tmpfs                  496G   45M  496G   1% /run
tmpfs                  496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  6.6G   44G  14% /
/dev/mapper/srvdbo-var    20G  2.1G   18G  11% /var
/dev/mapper/srvdbo-u01   500G  183G  318G  37% /u01
/dev/mapper/srvdbo-tmp    20G  181M   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 la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         419         558           4          12         561
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     29184      1  0 Jan27 ?        00:00:08 asm_pmon_+ASM2
oracle   30047      1  0 Jan27 ?        00:00:44 ora_pmon_cdb2ope2
root        1645783 1645743  0 14:51 ?        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 1645796 1645762 0 14:51 pts/0 00:00:00 /bin/sh -c ps -fea | grep pmon
root 1645798 1645796 0 14:51 pts/0 00:00:00 grep pmon
root 1645799 1645783 0 14:51 ? 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 1645801 1645799 0 14:51 ? 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;

Servicio de Listener de los Nodos de BD

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

Estado del Servidor srvdbo12

Informe de fecha Tuesday 28 de January de 2025 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

Información del Procesamiento del Servidor

top - 14:58:17 up 23:58, 2 users, load average: 2.87, 2.65, 2.23
Tasks: 2732 total, 1 running, 2731 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1.9 us, 1.4 sy, 0.0 ni, 96.1 id, 0.0 wa, 0.2 hi, 0.4 si, 0.0 st
MiB Mem : 1014527.+total, 568322.8 free, 429262.7 used, 16942.4 buff/cache
MiB Swap: 65536.0 total, 65536.0 free, 0.0 used. 575299.0 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1968520	root	20	0	57336	7496	3740	R	36.4	0.0	0:00.15	top
140326	root	20	0	2809220	497416	18504	S	27.3	0.0	20:57.97	java
143941	oracle	20	0	153.2g	296676	81268	S	27.3	0.0	63:13.54	ora_dia+
14830	root	20	0	3702608	97924	10640	S	22.7	0.0	28:44.96	ragent
873735	oracle	20	0	156.0g	136500	121604	S	18.2	0.0	3:33.64	oracle_+

873828 oracle 20 0 156.0g 136216 121132 S 18.2 0.0 3:35.66 oracle_+
143976 oracle 20 0 155.2g 235436 74388 S 13.6 0.0 4:57.87 ora_rms+
234330 oracle 20 0 155.0g 133348 105932 S 13.6 0.0 13:43.88 ora_p00+

Información del Espacio del Servidor

Filesystem Size Used Avail Use% Mounted on
devtmpfs 496G 0 496G 0% /dev
tmpfs 496G 4.7G 491G 1% /dev/shm
tmpfs 496G 37M 496G 1% /run
tmpfs 496G 0 496G 0% /sys/fs/cgroup
/dev/mapper/srvdbo-root 50G 7.5G 43G 15% /
/dev/sda2 2.0G 528M 1.5G 26% /boot
/dev/mapper/srvdbo-tmp 20G 185M 20G 1% /tmp
/dev/mapper/srvdbo-home 50G 391M 50G 1% /home
/dev/mapper/srvdbo-u01 500G 304G 197G 61% /u01
/dev/mapper/srvdbo-var 20G 7.3G 13G 37% /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
tmpfs 100G 0 100G 0% /run/user/54322

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	419	555	4	16	561
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

grid 142984 1 0 Jan27 ? 00:00:09 asm_pmon_+ASM3
oracle 143632 1 0 Jan27 ? 00:00:45 ora_pmon_cdb2ope3
root 1968556 1968499 0 14:58 pts/0 00:00:00 /bin/sh -c ps -fea | grep pmon
root 1968558 1968556 0 14:58 pts/0 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 del Servidor srvdbo15

Informe de fecha Tuesday 28 de January de 2025 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

Información del Procesamiento del Servidor

```
top - 15:04:40 up 23:45,  2 users,  load average: 7.82, 7.47, 6.67
Tasks: 2637 total,   6 running, 2630 sleeping,   0 stopped,   1 zombie
%Cpu(s):  3.5 us,  1.2 sy,  0.2 ni, 94.7 id,  0.0 wa,  0.2 hi,  0.2 si,  0.0 st
MiB Mem : 1014539.+total, 568414.8 free, 431500.8 used,  14624.2 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 573036.8 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
 35397 oracle    20   0  155.3g 345384 110000 R 100.0   0.0 433:40.92 ora_p00+
 35402 oracle    20   0  156.3g 345016 111036 R 100.0   0.0 433:40.07 ora_p00+
 35406 oracle    20   0  155.3g 357388 120772 R 100.0   0.0 425:54.44 ora_p00+
 35393 oracle    20   0  155.3g 374908 137776 R  95.2   0.0 434:58.41 ora_p00+
2639618 root     39  19   19408   3884   2568 R  38.1   0.0   0:01.77 mandb
 20622 root     20   0 3788128 352384  11036 S  23.8   0.0  49:46.23 ragent
1256804 oracle   20   0  156.0g 153712 129436 S  23.8   0.0   6:55.99 oracle_+
2643969 root     20   0   68260   7820   4324 R  23.8   0.0   0:00.10 top
```

Información del Espacio del Servidor

```
Filesystem                Size  Used Avail Use% Mounted on
devtmpfs                  496G     0  496G   0% /dev
tmpfs                     496G  4.7G  491G   1% /dev/shm
tmpfs                     496G   53M  496G   1% /run
tmpfs                     496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  7.0G   44G  14% /
/dev/mapper/srvdbo-var    20G   13G  7.4G  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  185M   20G   1% /tmp
/dev/mapper/srvdbo-u01   500G  250G  251G  50% /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
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         421         555           4          14         559
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     30474     1  0 Jan27 ?        00:00:08 asm_pmon_+ASM4
oracle   31205     1  0 Jan27 ?        00:00:47 ora_pmon_cdb2ope4
root    2644291 2643784  0 15:04 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root    2644296 2644291  0 15:04 pts/0    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 28-JAN-2025 13:07:22

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

Connecting to (ADDRESS=(PROTOCOL=tcp)(HOST=)(PORT=1521))
STATUS of the LISTENER
------cy.rodriguez-----------
Alias LISTENER
Version TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date 22-JAN-2025 21:00:53
Uptime 5 days 16 hr. 6 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/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).
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
```

euphorianet
www.euphoria-net.com

```
     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
     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

1.5.3 OPE3

Estado del Servidor srvdbo04

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 15:29:35 up 10 min,  1 user,  load average: 13.13, 9.63, 5.52
Tasks: 2594 total,   1 running, 2589 sleeping,   0 stopped,   4 zombie
%Cpu(s):  3.1 us,  0.7 sy,  0.0 ni, 95.9 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014923.+total, 585913.6 free, 423164.2 used,   5845.8 buff/cache
MiB Swap:  61036.0 total,  61036.0 free,      0.0 used. 584805.6 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
14198 dbsnmp    20   0   19.9g 531252  24320 S 490.0   0.1   5:06.00 java
33767 root      20   0   68256   7692   4208 R  25.0   0.0   0:00.10 top
33757 oracle    20   0  202.0g 116092 106880 S  20.0   0.0   0:00.08 oracle_+
28809 oracle    20   0  201.5g  91428  83612 S  15.0   0.0   0:09.82 ora_lmd+
33754 oracle    20   0  202.0g 111536 103128 S  15.0   0.0   0:00.09 oracle_+
33770 oracle    20   0  202.0g  99228  92240 S  15.0   0.0   0:00.03 oracle_+
26179 root      20   0 3427164 131772  61108 S  10.0   0.0   0:08.55 crsd.bin
27059 grid      20   0  275444  24640  19148 S  10.0   0.0   0:00.19 tnslsnr
```

Información del Espacio del Servidor

```
Filesystem              Size  Used Avail Use% Mounted on
devtmpfs                496G     0  496G   0% /dev
tmpfs                   496G  2.4G  494G   1% /dev/shm
tmpfs                   496G   12M  496G   1% /run
tmpfs                   496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   47G  7.5G   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   16G  3.2G  84% /var
/dev/mapper/srvdbo-u01   466G  246G  221G  53% /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

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	991	413	572	2	5	571
Swap:	59	0	59			

Servicios de las Bases de Datos del Servidor

grid 28055 1 0 15:27 ? 00:00:00 asm_pmon_+ASM1
grid 28364 1 0 15:27 ? 00:00:00 apx_pmon_+APX1
oracle 28595 1 0 15:28 ? 00:00:00 ora_pmon_cdb3ope1
root 33773 33755 0 15:29 pts/0 00:00:00 /bin/sh -c ps -fea | grep pmon
root 33775 33773 0 15:29 pts/0 00:00:00 grep pmon

Servicio de Listener de los Nodos de BD

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

Estado del Servidor srvdbo05

Informe de fecha Tuesday 28 de January de 2025 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

Información del Procesamiento del Servidor

top - 13:36:11 up 78 days, 4:45, 2 users, load average: 6.82, 5.90, 5.28
Tasks: 3267 total, 7 running, 3256 sleeping, 0 stopped, 4 zombie
%Cpu(s): 3.8 us, 1.0 sy, 0.0 ni, 94.5 id, 0.2 wa, 0.1 hi, 0.3 si, 0.0 st
MiB Mem : 1014539.+total, 12859.9 free, 439010.6 used, 562669.2 buff/cache
MiB Swap: 65536.0 total, 62690.7 free, 2845.2 used. 564312.2 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
3950433	oracle	20	0	204.8g	305596	99292	R	100.0	0.0	13:30.82	oracle_+
4003149	oracle	20	0	204.6g	128204	115292	R	100.0	0.0	3:10.43	oracle_+
4011857	oracle	20	0	204.6g	133284	114460	R	100.0	0.0	0:41.61	oracle_+
4013936	oracle	20	0	204.6g	104808	94672	R	100.0	0.0	0:15.64	oracle_+
4003191	oracle	20	0	204.6g	246808	123072	D	54.5	0.0	3:07.67	ora_j00+

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```
 26905 oracle   20   0  204.6g 169464 135716 R  36.4   0.0 286:41.37 ora_p00+
4020946 root    20   0   68920   8572   4296 R  27.3   0.0   0:00.13 top
25745 oracle   20   0  204.5g  94628  85888 S   9.1   0.0   6846:57 ora_lmd+
```

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  2.8G  493G   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  4.2T  4.5T  49% /bkp
/dev/mapper/srvdbo-u01    500G  427G   74G  86% /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
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:            990         428          12           5         549         551
Swap:            63           2          61
```

Servicios de las Bases de Datos del Servidor

```
grid     24348     1  0  2024 ?        00:10:34 asm_pmon_+ASM2
grid     24585     1  0  2024 ?        00:10:28 apx_pmon_+APX2
oracle   25501     1  0  2024 ?        01:00:30 ora_pmon_cdb3ope2
root   4021020 4020890  0 13:36 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root   4021023 4021020  0 13:36 pts/0    00:00:00 grep pmon
```

Servicio de Listener de los Nodos de BD

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

Estado del Servidor srvdbo13

Informe de fecha Tuesday 28 de January de 2025 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

Información del Procesamiento del Servidor

top - 15:01:27 up 131 days, 2:02, 1 user, load average: 11.64, 9.49, 8.44
Tasks: 3420 total, 8 running, 3409 sleeping, 0 stopped, 3 zombie
%Cpu(s): 5.6 us, 0.9 sy, 0.0 ni, 92.3 id, 0.7 wa, 0.1 hi, 0.3 si, 0.0 st
MiB Mem : 1014539.+total, 366067.1 free, 443916.1 used, 204556.6 buff/cache
MiB Swap: 65536.0 total, 65536.0 free, 0.0 used. 555638.4 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
977392	oracle	20	0	204.7g	134324	113228	R	95.7	0.0	0:31.22	oracle_+
981201	oracle	20	0	204.6g	207596	109936	R	95.7	0.0	1:06.84	ora_j00+
981904	oracle	20	0	204.6g	234956	109080	R	95.7	0.0	1:10.28	ora_j00+
984077	oracle	20	0	204.6g	108576	98328	R	95.7	0.0	0:40.21	oracle_+
891205	oracle	20	0	204.6g	127668	111268	R	78.3	0.0	0:28.73	oracle_+
975542	oracle	20	0	204.6g	122280	107928	R	78.3	0.0	0:29.27	oracle_+
981897	oracle	20	0	204.5g	145576	121800	D	47.8	0.0	0:18.59	ora_j00+
978324	oracle	20	0	204.6g	115812	103152	S	34.8	0.0	0:01.99	oracle_+

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	179M	20G	1%	/tmp
/dev/sda2	2.0G	523M	1.5G	26%	/boot
/dev/mapper/srvdbo-var	20G	17G	3.7G	82%	/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	375G	125G	76%	/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}

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             990         433         357           9         199         542
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
root      986916  986887  0 15:01 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root      986918  986916  0 15:01 pts/0    00:00:00 grep pmon
grid     1364970       1  0  2024 ?        00:18:09 asm_pmon_+ASM3
grid     1365284       1  0  2024 ?        00:18:36 apx_pmon_+APX3
grid     1376559       1  0  2024 ?        00:19:05 ora_pmon_-MGMTDB
oracle   3081862       1  0  2024 ?        01:36:06 ora_pmon_cdb3ope3
```

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 28-JAN-2025 13:36:12

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                11-NOV-2024 08:51:53
Uptime                    78 days 4 hr. 44 min. 18 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/srvdbo05/listener/alert/log.xml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.205)(PORT=1521)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.248)(PORT=1521)))
Services Summary...
Service "+APX" has 1 instance(s).
  Instance "+APX2", status READY, has 1 handler(s) for this service...
Service "+ASM" has 1 instance(s).
  Instance "+ASM2", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_DATA" has 1 instance(s).
  Instance "+ASM2", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_EXP" has 1 instance(s).
  Instance "+ASM2", status READY, has 1 handler(s) for this service...
```

Service "+ASM_DG_FRA" has 1 instance(s).
  Instance "+ASM2", status READY, has 1 handler(s) for this service...
Service "+ASM_VOTE" has 1 instance(s).
  Instance "+ASM2", status READY, has 1 handler(s) for this service...
Service "60ccb670470114b8e05399121cac21a2" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "60dd71446f951361e05398121cac6ef2" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "60f544f5e80d32e5e05307121cac4951" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "6145c2ed1a70e20be05399121cacce18" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "61ea59aa96747d59e05307121cac0670" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "999806e5d70ce2dde05307121cac734f" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "bioapolo" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "cdb3ope" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "cdb3ope_CFG" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "cnp" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "dbmud" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "fd9ac20f64d344d7e043b6a9e80a2f2f" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "lynx" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "polfa" has 1 instance(s).
  Instance "cdb3ope2", status READY, has 1 handler(s) for this service...
Service "secad" has 1 instance(s).
  Instance "cdb3ope2", 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	srvdbo05	STABLE
	ONLINE	ONLINE	srvdbo13	STABLE
ora.LISTENER.lsnr				
	ONLINE	ONLINE	srvdbo05	STABLE

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```
        ONLINE  ONLINE       srvdbo13                 STABLE
ora.chad
        ONLINE  ONLINE       srvdbo05                 STABLE
        ONLINE  OFFLINE      srvdbo13                 STABLE
ora.dg_exp.exp_imp.acfs
        ONLINE  ONLINE       srvdbo05                 mounted on /exp,STAB
                                                      LE
        ONLINE  ONLINE       srvdbo13                 mounted on /exp,STAB
                                                      LE
ora.net1.network
        ONLINE  ONLINE       srvdbo05                 STABLE
        ONLINE  ONLINE       srvdbo13                 STABLE
ora.ons
        ONLINE  ONLINE       srvdbo05                 STABLE
        ONLINE  ONLINE       srvdbo13                 STABLE
ora.proxy_advm
        ONLINE  ONLINE       srvdbo05                 STABLE
        ONLINE  ONLINE       srvdbo13                 STABLE
--------------------------------------------------------------------------------
Cluster Resources
--------------------------------------------------------------------------------
ora.ASMNET1LSNR_ASM.lsnr(ora.asmgroup)
    1        ONLINE  OFFLINE                          STABLE
    2        ONLINE  ONLINE       srvdbo05            STABLE
    3        ONLINE  ONLINE       srvdbo13            STABLE
ora.DG_DATA.dg(ora.asmgroup)
    1        ONLINE  OFFLINE                          STABLE
    2        ONLINE  ONLINE       srvdbo05            STABLE
    3        ONLINE  ONLINE       srvdbo13            STABLE
ora.DG_EXP.dg(ora.asmgroup)
    1        ONLINE  OFFLINE                          STABLE
    2        ONLINE  ONLINE       srvdbo05            STABLE
    3        ONLINE  ONLINE       srvdbo13            STABLE
ora.DG_FRA.dg(ora.asmgroup)
    1        ONLINE  OFFLINE                          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       srvdbo05            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
ora.VOTE.dg(ora.asmgroup)
```

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```
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo05          STABLE
      3        ONLINE  ONLINE       srvdbo13          STABLE
ora.asm(ora.asmgroup)
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo05          Started,STABLE
      3        ONLINE  ONLINE       srvdbo13          Started,STABLE
ora.asmnet1.asmnetwork(ora.asmgroup)
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo05          STABLE
      3        ONLINE  ONLINE       srvdbo13          STABLE
ora.cdb3ope.bioapolo.pdb
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo13          STABLE
      3        ONLINE  ONLINE       srvdbo05          STABLE
ora.cdb3ope.cnp.pdb
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo13          STABLE
      3        ONLINE  ONLINE       srvdbo05          STABLE
ora.cdb3ope.db
      1        ONLINE  OFFLINE                Instance Shutdown,ST
                                                ABLE
      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  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo13          STABLE
      3        ONLINE  ONLINE       srvdbo05          STABLE
ora.cdb3ope.lynx.pdb
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo13          STABLE
      3        ONLINE  ONLINE       srvdbo05          STABLE
ora.cdb3ope.polfa.pdb
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo13          STABLE
      3        ONLINE  ONLINE       srvdbo05          STABLE
ora.cdb3ope.secad.pdb
      1        ONLINE  OFFLINE                STABLE
      2        ONLINE  ONLINE       srvdbo13          STABLE
      3        ONLINE  ONLINE       srvdbo05          STABLE
ora.cdp1.cdp
      1        ONLINE  ONLINE       srvdbo05          STABLE
ora.cdp2.cdp
```

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```
    1        ONLINE  ONLINE       srvdbo05                 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       srvdbo05                 STABLE
ora.scan3.vip
    1        ONLINE  ONLINE       srvdbo13                 STABLE
ora.srvdbo04.vip
    1        ONLINE  INTERMEDIATE srvdbo13                 FAILED OVER,STABLE
ora.srvdbo05.vip
    1        ONLINE  ONLINE       srvdbo05                 STABLE
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

1.5.4 ADM1

Estado del Servidor srvdbo06

Informe de fecha Tuesday 28 de January de 2025 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
          Kernel: Linux 5.4.17-2136.318.7.1.el8uek.x86_64
    Architecture: x86-64
```

Información del Procesamiento del Servidor

```
top - 14:12:07 up 53 days,  5:37,  7 users,  load average: 32.91, 30.47, 27.80
Tasks: 3202 total,  26 running, 3173 sleeping,   0 stopped,   3 zombie
%Cpu(s): 18.0 us,  0.8 sy,  0.0 ni, 80.7 id,  0.1 wa,  0.1 hi,  0.3 si,  0.0 st
MiB Mem : 1014923.+total, 469184.1 free, 460048.9 used,  85690.6 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 540901.4 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
3069687 oracle    20   0  406.7g 203120 117572 R 100.0   0.0  69:25.80 oracle_+
3069693 oracle    20   0  406.7g 194624 106148 R 100.0   0.0  68:27.65 oracle_+
3069712 oracle    20   0  406.7g 196956 106040 R 100.0   0.0  66:34.37 oracle_+
3069715 oracle    20   0  406.7g 196276 105808 R 100.0   0.0  67:38.34 oracle_+
3069720 oracle    20   0  406.7g 194712 106364 R 100.0   0.0  68:09.20 oracle_+
3069731 oracle    20   0  406.7g 207836 113508 R 100.0   0.0  68:05.28 oracle_+
3069737 oracle    20   0  406.7g 193160 106184 R 100.0   0.0  68:57.12 oracle_+
3069742 oracle    20   0  406.7g 189436 106072 R 100.0   0.0  67:51.93 oracle_+
```

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  1.4G  495G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  7.4G   43G  15% /
/dev/mapper/srvdbo-home   50G  1.1G   49G   3% /home
/dev/mapper/srvdbo-tmp    20G  184M   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  293G  207G  59% /u01
/dev/mapper/mpathn1      9.1T  6.0T  2.7T  70% /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
tmpfs                 100G     0  100G   0% /run/user/54326
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:             991         449         458           8          83         528
Swap:             63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid      25550       1  0  2024 ?        00:06:45 asm_pmon_+ASM1
oracle   120864       1  0 Jan03 ?        00:18:46 ora_pmon_cdb1adm1
root    3372441 3372419  0 14:12 pts/4    00:00:00 /bin/sh -c ps -fea | grep pmon
root    3372443 3372441  0 14:12 pts/4    00:00:00 grep pmon
```

grid 3950255 1 0 2024 ? 00:05:23 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 del Servidor srvdbo14

Informe de fecha Tuesday 28 de January de 2025 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

Información del Procesamiento del Servidor

top - 15:13:47 up 38 days, 15:15, 1 user, load average: 33.93, 35.03, 33.76
Tasks: 3027 total, 39 running, 2987 sleeping, 0 stopped, 1 zombie
%Cpu(s): 26.0 us, 1.1 sy, 0.0 ni, 72.5 id, 0.1 wa, 0.1 hi, 0.2 si, 0.0 st
MiB Mem : 1014923.+total, 509721.2 free, 449722.5 used, 55479.9 buff/cache
MiB Swap: 65536.0 total, 65536.0 free, 0.0 used. 550246.1 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
236054	oracle	20	0	408.1g	197612	113128	R	100.0	0.0	4099:52	ora_p02+
1828262	oracle	20	0	408.1g	143472	116460	R	104.8	0.0	3:37.83	oracle_+
234055	oracle	20	0	408.1g	181352	121416	R	100.0	0.0	6459:00	ora_p00+
234229	oracle	20	0	408.1g	170496	114956	R	100.0	0.0	6346:09	ora_p00+
234346	oracle	20	0	408.1g	168288	113796	R	100.0	0.0	6313:58	ora_p00+
236026	oracle	20	0	408.1g	211760	124504	R	100.0	0.0	4185:00	ora_p02+
236186	oracle	20	0	408.1g	203844	117616	R	100.0	0.0	4010:48	ora_p03+
236204	oracle	20	0	408.1g	207052	125156	R	100.0	0.0	2572:10	ora_p03+

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	1.1G	495G	1%	/run
tmpfs	496G	0	496G	0%	/sys/fs/cgroup
/dev/mapper/srvdbo-root	50G	7.2G	43G	15%	/
/dev/sda2	2.0G	450M	1.6G	23%	/boot
/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  270G  230G  54% /u01
/dev/mapper/srvdbo-tmp   20G  196M   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
tmpfs                  100G     0  100G   0% /run/user/54324
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:            991         439         497           9          54         537
Swap:            63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid     25324      1  0  2024 ?        00:04:40 asm_pmon_+ASM2
oracle   25889      1  0  2024 ?        00:27:02 ora_pmon_cdb1adm2
root    1874202 1874178  0 15:13 pts/0   00:00:00 /bin/sh -c ps -fea | grep pmon
root    1874204 1874202  0 15:13 pts/0   00:00:00 grep pmon
```

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 28-JAN-2025 14:12:08

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                    53 days 5 hr. 36 min. 14 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)))
```

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(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_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).
  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
                                                               roduct/21.0.0/dbhome
                                                               _1,STABLE
      3        OFFLINE OFFLINE                               STABLE
ora.cdb1adm.dbpki.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
```

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```
      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

1.5.5 ADM3

Estado del Servidor srvdbo08

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 15:17:33 up 12 days,  4:15,  4 users,  load average: 3.69, 4.54, 5.02
Tasks: 3000 total,   7 running, 2989 sleeping,   0 stopped,   4 zombie
%Cpu(s):  2.8 us,  0.8 sy,  0.0 ni, 96.0 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014539.+total,  20606.5 free, 435052.2 used, 558881.0 buff/cache
MiB Swap:  65536.0 total,  64207.7 free,   1328.2 used. 568567.9 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
 360595 oracle    20   0  255.6g 197440 128156 R 100.0   0.0 230:05.82 ora_j00+
 836466 oracle    20   0  255.6g 146600  97304 R 100.0   0.0   0:02.79 oracle_+
 181384 oracle    20   0  255.7g 311524 131004 R  61.9   0.0 155:12.96 ora_j00+
  28102 oracle    20   0  255.5g 125380 105360 R  38.1   0.0   2625:42 ora_lmd+
 836520 root      20   0   57540   7784   3772 R  33.3   0.0   0:00.12 top
  28706 oracle    20   0  255.5g  85464  76164 R  19.0   0.0   2121:14 ora_lck+
  28114 oracle    20   0  255.5g  95736  83476 R  14.3   0.0   2306:30 ora_lmd+
  28120 oracle    20   0  255.5g  95592  83252 S  14.3   0.0   2229:27 ora_lmd+
```

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  309M  496G   1% /run
tmpfs                 496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  7.6G   43G  16% /
/dev/mapper/srvdbo-home   50G  463M   50G   1% /home
/dev/mapper/srvdbo-tmp    20G  177M   20G   1% /tmp
/dev/mapper/srvdbo-u01   500G  396G  104G  80% /u01
/dev/mapper/srvdbo-var    20G  6.6G   14G  34% /var
tmpfs                 100G     0  100G   0% /run/user/54324
tmpfs                 100G     0  100G   0% /run/user/54328
/dev/sda2             2.0G  502M  1.5G  25% /boot
```

/dev/sda1 2.0G 5.1M 2.0G 1% /boot/efi
tmpfs 100G 0 100G 0% /run/user/54321

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	424	20	5	545	555
Swap:	63	1	62			

Servicios de las Bases de Datos del Servidor

```
grid     27015      1  0 Jan16 ?        00:01:50 asm_pmon_+ASM1
grid     27364      1  0 Jan16 ?        00:01:43 apx_pmon_+APX1
oracle   27768      1  0 Jan16 ?        00:08:25 ora_pmon_cdb3adm1
root     836524  836510  0 15:17 pts/4    00:00:00 /bin/sh -c ps -fea | grep pmon
root     836526  836524  0 15:17 pts/4    00:00:00 grep pmon
```

Servicio de Listener de los Nodos de BD

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

Estado del Servidor srvdbo09

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 15:19:05 up 2 days, 22:19,  4 users,  load average: 9.35, 9.35, 9.15
Tasks: 3274 total,   6 running, 3264 sleeping,   0 stopped,   4 zombie
%Cpu(s):  4.3 us,  0.7 sy,  0.0 ni, 94.6 id,  0.0 wa,  0.1 hi,  0.2 si,  0.0 st
MiB Mem : 1014539.+total,  25190.4 free, 436835.7 used, 552513.6 buff/cache
MiB Swap:  65536.0 total,  64971.0 free,    565.0 used. 566425.2 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
1942927 oracle    20   0  255.5g 128944 115548 R 100.0   0.0  98:44.64 ora_j00+
1943339 oracle    20   0  255.5g 138804 115320 R 100.0   0.0  98:18.89 ora_j00+
1623444 oracle    20   0  255.6g 173204 118940 R 100.0   0.0  44:27.06 oracle_+
2076357 oracle    20   0  255.5g 121360 107768 R 100.0   0.0   0:19.98 oracle_+
```

2083178 oracle 20 0 255.5g 108944 98468 R 72.7 0.0 0:02.04 oracle_+
2082118 oracle 20 0 255.5g 128404 114500 S 31.8 0.0 0:06.68 oracle_+
2084145 root 20 0 57788 7920 3596 R 31.8 0.0 0:00.14 top
36035 oracle 20 0 254.5g 111060 93228 S 22.7 0.0 570:56.81 ora_lmd+

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 85M 496G 1% /run
tmpfs 496G 0 496G 0% /sys/fs/cgroup
/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 422G 78G 85% /u01
/dev/mapper/srvdbo-var 20G 2.0G 18G 10% /var
/dev/mapper/mpatht 15T 11T 4.1T 72% /bkp
tmpfs 100G 0 100G 0% /run/user/54324
/dev/asm/export-460 2.0T 111G 1.9T 6% /exp
tmpfs 100G 0 100G 0% /run/user/54328
tmpfs 100G 0 100G 0% /run/user/54321

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	426	24	5	539	553
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

grid 34456 1 0 Jan25 ? 00:00:25 asm_pmon_+ASM2
grid 34758 1 0 Jan25 ? 00:00:24 apx_pmon_+APX2
oracle 35735 1 0 Jan25 ? 00:02:13 ora_pmon_cdb3adm2
root 2084158 2084135 0 15:19 pts/2 00:00:00 /bin/sh -c ps -fea | grep pmon
root 2084160 2084158 0 15:19 pts/2 00:00:00 grep pmon

Servicio de Listener de los Nodos de BD
Listener LISTENER is enabled
Listener LISTENER is running on node(s): srvdbo18,srvdbo08,srvdbo19,srvdbo09

Estado del Servidor srvdbo18

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 15:20:48 up 132 days, 42 min,  1 user,  load average: 9.73, 10.07, 9.93
Tasks: 3252 total,   7 running, 3241 sleeping,   0 stopped,   4 zombie
%Cpu(s):  4.8 us,  1.5 sy,  0.0 ni, 92.7 id,  0.0 wa,  0.3 hi,  0.7 si,  0.0 st
MiB Mem : 1014539.+total, 175816.8 free, 446421.0 used, 392301.9 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 549334.0 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
130375 oracle    20   0  258.6g 123380 107340 R 100.0   0.0   0:12.98 oracle_+
136467 oracle    20   0  258.6g 116316 102784 R  95.8   0.0   0:01.95 oracle_+
 25517 oracle    20   0  258.5g 124684 103176 R  91.7   0.0  39638:11 ora_lmd+
 80090 oracle    20   0  258.6g 137196 121176 R  91.7   0.0   1:52.95 oracle_+
1069306 root     20   0   10.7g 844948  10636 S  87.5   0.1  35563:03 ragent
4175331 oracle   20   0  258.5g 150244 135916 S  41.7   0.0   8:16.22 ora_j00+
 139105 root     20   0   68928   8360   4076 R  37.5   0.0   0:00.16 top
  2831 oracle    20   0  258.6g 137948 121072 S  29.2   0.0   3:51.32 oracle_+
```

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  4.1G  492G   1% /run
tmpfs                   496G     0  496G   0% /sys/fs/cgroup
/dev/mapper/srvdbo-root   50G  7.0G   43G  14% /
/dev/mapper/srvdbo-tmp    20G  177M   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  470G   30G  95% /u01
tmpfs                   100G     0  100G   0% /run/user/54324
/dev/asm/export-460      2.0T  111G  1.9T   6% /exp
```

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

Información de la Memoria RAM del Servidor

	total	used	free	shared	buff/cache	available
Mem:	990	435	171	12	383	536
Swap:	63	0	63			

Servicios de las Bases de Datos del Servidor

```
grid     24166      1  0  2024 ?        00:18:57 asm_pmon_+ASM3
grid     24509      1  0  2024 ?        00:18:35 apx_pmon_+APX3
oracle   25217      1  0  2024 ?        01:55:30 ora_pmon_cdb3adm3
root    139113 139095  0 15:20 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root    139115 139113  0 15:20 pts/0    00:00:00 grep pmon
```

Servicio de Listener de los Nodos de BD

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

Estado del Servidor srvdbo19

Informe de fecha Tuesday 28 de January de 2025 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
```

Información del Procesamiento del Servidor

```
top - 15:23:39 up 82 days,  6:42,  1 user,  load average: 8.73, 8.16, 8.24
Tasks: 3416 total,   8 running, 3404 sleeping,   0 stopped,   4 zombie
%Cpu(s):  5.9 us,  1.0 sy,  0.0 ni, 92.2 id,  0.2 wa,  0.2 hi,  0.5 si,  0.0 st
MiB Mem : 1014539.+total, 296938.2 free, 444553.8 used, 273047.7 buff/cache
MiB Swap:  65536.0 total,  65536.0 free,      0.0 used. 552019.9 avail Mem

   PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
740996 oracle    20   0  257.6g 143700 122856 R 104.3   0.0   1:18.88 oracle_+
752230 oracle    20   0  257.6g 127732 112668 R 104.3   0.0   0:01.78 oracle_+
438166 oracle    20   0  257.5g 139884 115676 R 100.0   0.0 102:20.99 ora_j00+
754346 oracle    20   0  258.1g 616592 105052 R 100.0   0.1   0:33.93 oracle_+
754127 oracle    20   0  257.8g 289592 117808 R  56.5   0.0   0:15.59 oracle_+
1712891 root     20   0   10.7g 718852  10520 S  52.2   0.1  21483:59 ragent
```

```
750344 oracle   20   0  257.6g 109356  98332 S  43.5   0.0   0:02.31 oracle_+
750419 oracle   20   0  257.6g 125852 113404 S  43.5   0.0   0:02.86 oracle_+
```

Información del Espacio del Servidor

```
Filesystem            Size  Used Avail Use% Mounted on
devtmpfs              496G     0  496G   0% /dev
tmpfs                 496G  8.1G  488G   2% /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  2.4G   18G  12% /var
/dev/mapper/srvdbo-u01   500G  371G  129G  75% /u01
tmpfs                 100G     0  100G   0% /run/user/54324
/dev/asm/exprf-460    2.0T  111G  1.9T   6% /exp
tmpfs                 100G     0  100G   0% /run/user/54321
```

Información de la Memoria RAM del Servidor

```
               total        used        free      shared  buff/cache   available
Mem:            990         434         289          12         266         539
Swap:            63           0          63
```

Servicios de las Bases de Datos del Servidor

```
grid      29008      1  0 2024 ?        00:11:27 asm_pmon_+ASM4
grid      29754      1  0 2024 ?        00:11:20 apx_pmon_+APX4
oracle    30116      1  0 2024 ?        00:57:00 ora_pmon_cdb3adm4
root     755129 755110  0 15:23 pts/0    00:00:00 /bin/sh -c ps -fea | grep pmon
root     755131 755129  0 15:23 pts/0    00:00:00 grep pmon
grid    3578803      1  0 Jan16 ?        00:01:51 ora_pmon_-MGMTDB
```

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 28-JAN-2025 15:23:40

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

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

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```
Version                 TNSLSNR for Linux: Version 21.0.0.0.0 - Production
Start Date              07-NOV-2024 08:43:26
Uptime                  82 days 6 hr. 40 min. 13 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/srvdbo19/listener/alert/log.xml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=LISTENER)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.220)(PORT=1521)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=172.28.18.243)(PORT=1521)))

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcps)(HOST=srvdbo19)(PORT=5501))(Security=(my_wallet_
directory=/u01/app/oracle/homes/OraDB21Home1/admin/cdb3adm/xdb_wallet))(Presentation
=HTTP)(Session=RAW))
Services Summary...
Service "+APX" has 1 instance(s).
  Instance "+APX4", status READY, has 1 handler(s) for this service...
Service "+ASM" has 1 instance(s).
  Instance "+ASM4", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_DATA" has 1 instance(s).
  Instance "+ASM4", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_EXP" has 1 instance(s).
  Instance "+ASM4", status READY, has 1 handler(s) for this service...
Service "+ASM_DG_FRA" has 1 instance(s).
  Instance "+ASM4", status READY, has 1 handler(s) for this service...
Service "+ASM_VOTE" has 1 instance(s).
  Instance "+ASM4", status READY, has 1 handler(s) for this service...
Service "000bfeed89797337e05365121cace646" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "adtelepol_dblinks" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "cdb3adm" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "cdb3adm_CFG" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "fd9ac20f64d344d7e043b6a9e80a2f2f" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "telepol" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "telepol_wlgeneral" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "telepol_wlsiath" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
Service "telepol_wlsuiteve" has 1 instance(s).
  Instance "cdb3adm4", status READY, has 1 handler(s) for this service...
```

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  ONLINE       srvdbo18                 STABLE
               ONLINE  ONLINE       srvdbo19                 STABLE
ora.dg_exp.export.acfs
               OFFLINE OFFLINE      srvdbo08                 STABLE
               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
```

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```
--------------------------------------------------------------------------------
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
      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
```

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```
      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
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

1.6 Aplicación de patches ambiente WLS 21c

Parchado de la infraestructura standalone, en Filesystem.

```
[oracle@srvdbwl OPatch]$
[oracle@srvdbwl OPatch]$ ./opatch lspatches
There are no Interim patches installed in this Oracle Home "/u01/app/oracle/product/21.0.0/dbhome_1".

OPatch succeeded.
[oracle@srvdbwl OPatch]$ ./opatch lsinventory
Oracle Interim Patch Installer version 12.2.0.1.26
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Oracle Home       : /u01/app/oracle/product/21.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/21.0.0/dbhome_1/oraInst.loc
OPatch version    : 12.2.0.1.26
OUI version       : 12.2.0.9.0
Log file location : /u01/app/oracle/product/21.0.0/dbhome_1/cfgtoollogs/opatch/opatch2025-01-20_10-54-25AM_1.log

Lsinventory Output file location : /u01/app/oracle/product/21.0.0/dbhome_1/cfgtoollogs/opatch/lsinv/lsinventory2025-01-20_10-54-25AM.txt
--------------------------------------------------------------------------------
Local Machine Information::
Hostname: srvdbwl
ARU platform id: 226
ARU platform description:: Linux x86-64

Installed Top-level Products (1):

Oracle Database 21c                                          21.0.0.0.0
There are 1 products installed in this Oracle Home.


There are no Interim patches installed in this Oracle Home.
```
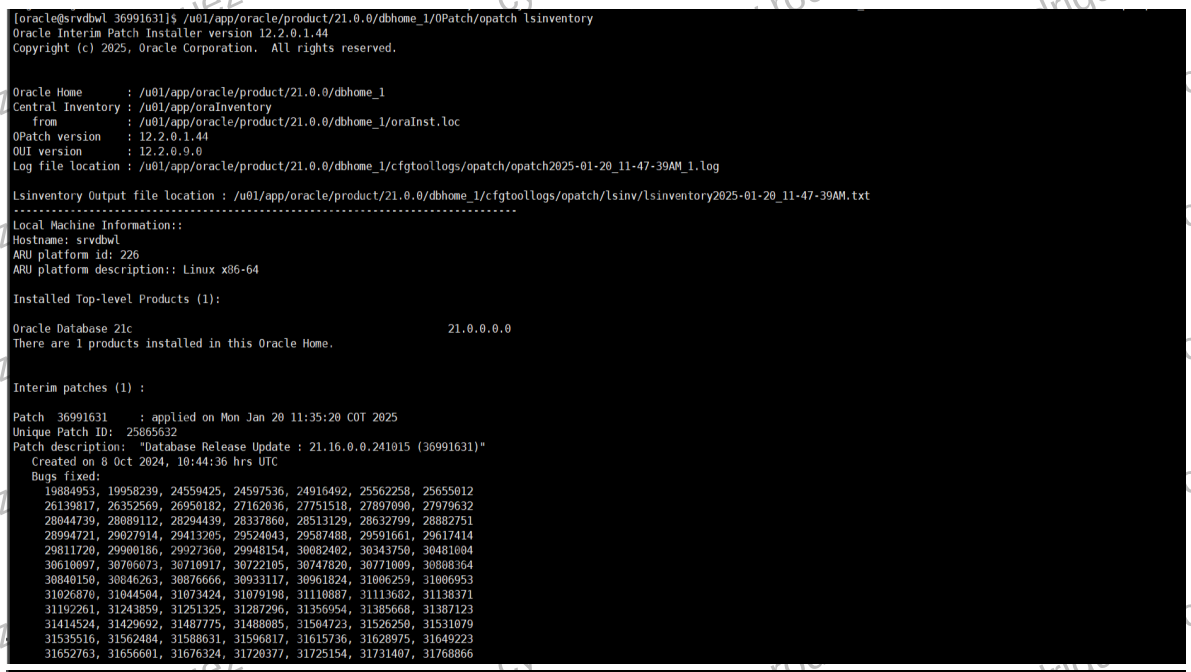

```
drwxr-xr-x. 2 oracle oinstall  4096 Jul 27  2021 scripts
drwxr-xr-x. 2 oracle oinstall  4096 Jul 27  2021 jlib
[root@srvdbwl dbhome_1]# ls  OPa*
OPatch:
auto  datapatch  docs  emdpatch.pl  jlib  modules  ocm  opatch  opatchauto  opatch.pl  opatchprereqs  operr  oplan  oracle_common  plugins  private  README.txt  scripts  version.txt

OPatch_old:
auto  datapatch  docs  emdpatch.pl  jlib  modules  ocm  opatch  opatchauto  opatch.pl  opatchprereqs  operr  oplan  oracle_common  plugins  private  README.txt  scripts  version.txt
[root@srvdbwl dbhome_1]#
[root@srvdbwl dbhome_1]#
[root@srvdbwl dbhome_1]#
[root@srvdbwl dbhome_1]# cd OPatch
[root@srvdbwl OPatch]# ./opatch version
OPatch Version: 12.2.0.1.26

OPatch succeeded.
[root@srvdbwl OPatch]#
[root@srvdbwl OPatch]#
[root@srvdbwl OPatch]# cd ..
[root@srvdbwl dbhome_1]# rm -rf OPatch
[root@srvdbwl dbhome_1]#
[root@srvdbwl dbhome_1]# ls  OPa*
auto  datapatch  docs  emdpatch.pl  jlib  modules  ocm  opatch  opatchauto  opatch.pl  opatchprereqs  operr  oplan  oracle_common  plugins  private  README.txt  scripts  version.txt
[root@srvdbwl dbhome_1]#
[root@srvdbwl dbhome_1]# ls  OPa*
OPatch:
auto  config  datapatch  docs  emdpatch.pl  jlib  jre  modules  ocm  opatch  opatchauto  opatch_env.sh  opatch.pl  opatchprereqs  operr  operr_readme.txt  oplan  oracle_common  plugins  private  README.txt  scripts  version.txt

OPatch_old:
auto  datapatch  docs  emdpatch.pl  jlib  modules  ocm  opatch  opatchauto  opatch.pl  opatchprereqs  operr  oplan  oracle_common  plugins  private  README.txt  scripts  version.txt
[root@srvdbwl dbhome_1]#
```

No se encuentran problemas en la validación para la aplicación del parche.

```
[oracle@srvdbwl 36991631]$ /u01/app/oracle/product/21.0.0/dbhome_1/OPatch/opatch prereq CheckConflictAgainstOHWithDetail -ph ./
Oracle Interim Patch Installer version 12.2.0.1.44
Copyright (c) 2025, Oracle Corporation.  All rights reserved.

PREREQ session

Oracle Home       : /u01/app/oracle/product/21.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/21.0.0/dbhome_1/oraInst.loc
OPatch version    : 12.2.0.1.44
OUI version       : 12.2.0.9.0
Log file location : /u01/app/oracle/product/21.0.0/dbhome_1/cfgtoollogs/opatch/opatch2025-01-20_11-31-04AM_1.log

Invoking prereq "checkconflictagainstohwithdetail"

Prereq "checkConflictAgainstOHWithDetail" passed.
```

El proceso de parchado es generado de forma exitosa.

```
1 172.28.18.3:22   2 172.28.18.3:22

Patching component oracle.xdk, 21.0.0.0.0...

Patching component oracle.ovm, 21.0.0.0.0...

Patching component oracle.assistants.acf, 21.0.0.0.0...

Patching component oracle.ldap.client, 21.0.0.0.0...

Patching component oracle.network.listener, 21.0.0.0.0...

Patching component oracle.oracore.rsf, 21.0.0.0.0...

Patching component oracle.rdbms.oci, 21.0.0.0.0...

Patching component oracle.rdbms.lbac, 21.0.0.0.0...

Patching component oracle.rdbms.scheduler, 21.0.0.0.0...

Patching component oracle.xdk.parser.java, 21.0.0.0.0...

Patching component oracle.ctx.rsf, 21.0.0.0.0...

Patching component oracle.ldap.ssl, 21.0.0.0.0...

Patching component oracle.ctx.atg, 21.0.0.0.0...

Patching component oracle.usm.deconfig, 21.0.0.0.0...

Patching component oracle.sqlplus.ic, 21.0.0.0.0...

Patching component oracle.precomp.rsf, 21.0.0.0.0...

Patching component oracle.odbc, 21.0.0.0.0...

Patching component oracle.rdbms.hsodbc, 21.0.0.0.0...

Patching component oracle.xdk.xquery, 21.0.0.0.0...

Patching component oracle.precomp.common, 21.0.0.0.0...

Patching component oracle.precomp.lang, 21.0.0.0.0...

Patching component oracle.jdk, 1.8.0.291.09...

Patching component oracle.precomp.common.core, 21.0.0.0.0...
```



```
[oracle@srvdbwl 36991631]$ /u01/app/oracle/product/21.0.0/dbhome_1/OPatch/opatch lsinventory
Oracle Interim Patch Installer version 12.2.0.1.44
Copyright (c) 2025, Oracle Corporation.  All rights reserved.


Oracle Home       : /u01/app/oracle/product/21.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/21.0.0/dbhome_1/oraInst.loc
OPatch version    : 12.2.0.1.44
OUI version       : 12.2.0.9.0
Log file location : /u01/app/oracle/product/21.0.0/dbhome_1/cfgtoollogs/opatch/opatch2025-01-20_11-47-39AM_1.log

Lsinventory Output file location : /u01/app/oracle/product/21.0.0/dbhome_1/cfgtoollogs/opatch/lsinv/lsinventory2025-01-20_11-47-39AM.txt
--------------------------------------------------------------------------------
Local Machine Information::
Hostname: srvdbwl
ARU platform id: 226
ARU platform description:: Linux x86-64

Installed Top-level Products (1):

Oracle Database 21c                                          21.0.0.0.0
There are 1 products installed in this Oracle Home.


Interim patches (1) :

Patch  36991631     : applied on Mon Jan 20 11:35:20 COT 2025
Unique Patch ID:  25865632
Patch description:  "Database Release Update : 21.16.0.0.241015 (36991631)"
   Created on 8 Oct 2024, 10:44:36 hrs UTC
   Bugs fixed:
     19884953, 19958239, 24559425, 24597536, 24916492, 25562258, 25655012
     26139817, 26352569, 26950182, 27162036, 27751518, 27897090, 27979632
     28044739, 28089112, 28294439, 28337860, 28513129, 28632799, 28882751
     28994721, 29027914, 29413205, 29524043, 29587488, 29591661, 29617414
     29811720, 29900186, 29927360, 29948154, 30082402, 30343750, 30481004
     30610097, 30706073, 30710917, 30722105, 30747820, 30771009, 30808364
     30840150, 30846263, 30876666, 30933117, 30961824, 31006259, 31006953
     31026870, 31044504, 31073424, 31079198, 31110887, 31113682, 31138371
     31192261, 31243859, 31251325, 31287296, 31356954, 31385668, 31387123
     31414524, 31429692, 31487775, 31488085, 31504723, 31526250, 31531079
     31535516, 31562484, 31588631, 31596817, 31615736, 31628975, 31649223
     31652763, 31656601, 31676324, 31720377, 31725154, 31731407, 31768866
```

```
--------------------------------------------------------------------------------


OPatch succeeded.
[oracle@srvdbwl 36991631]$
[oracle@srvdbwl 36991631]$
[oracle@srvdbwl 36991631]$
[oracle@srvdbwl 36991631]$
[oracle@srvdbwl 36991631]$
[oracle@srvdbwl 36991631]$ /u01/app/oracle/product/21.0.0/dbhome_1/OPatch/opatch lspatches
36991631;Database Release Update : 21.16.0.0.241015 (36991631)
```

No se encuentran patches aplicados en la db.

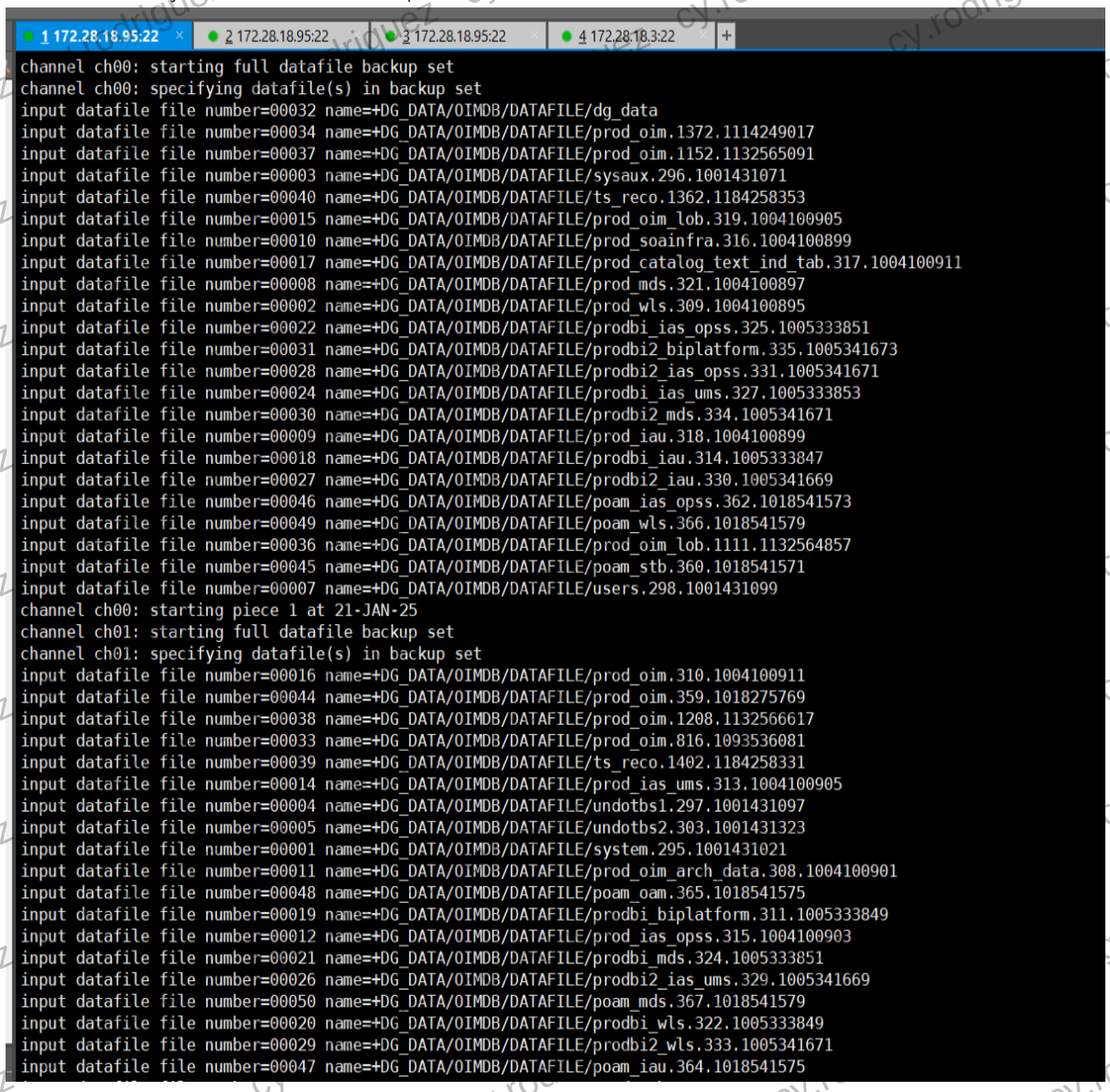
```
SQL>
SQL>
SQL> select xmltransform(dbms_qopatch.is_patch_installed('29494060'),dbms_qopatch.get_opatch_xslt) "Patch installed?" from dual;

Patch installed?
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
--------------------------------------------------------------------

SQL>
```

Se aplica de manera exitosa el datapatch a la base de datos cdbwls

```
SQL Patching tool version 21.16.0.0.0 Production on Tue Jan 21 15:12:05 2025
Copyright (c) 2012, 2024, Oracle.  All rights reserved.

Log file for this invocation: /u01/app/oracle/homes/OraDB21Home1/cfgtoollogs/sqlpatch/sqlpatch_8575_2025_01_21_15_12_05/sqlpatch_invocation.log

Connecting to database...OK
Gathering database info...done

Note:  Datapatch will only apply or rollback SQL fixes for PDBs
       that are in an open state, no patches will be applied to closed PDBs.
       Please refer to Note: Datapatch: Database 12c Post Patch SQL Automation
       (Doc ID 1585822.1)

Bootstrapping registry and package to current versions...done
Determining current state...done

Current state of interim SQL patches:
  No interim patches found

Current state of release update SQL patches:
  Binary registry:
    21.16.0.0.0 Release_Update 241006123853: Installed
  PDB CDB$ROOT:
    No release update patches installed
  PDB PDB$SEED:
    No release update patches installed
  PDB WLSFRM:
    No release update patches installed

Adding patches to installation queue and performing prereq checks...done
Installation queue:
  For the following PDBs: CDB$ROOT PDB$SEED WLSFRM
    No interim patches need to be rolled back
    Patch 36991631 (Database Release Update : 21.16.0.0.241015 (36991631)):
      Apply from 21.1.0.0.0 Feature Release to 21.16.0.0.0 Release_Update 241006123853
    No interim patches need to be applied

Installing patches...
Patch installation complete.  Total patches installed: 3

Validating logfiles...done
Patch 36991631 apply (pdb CDB$ROOT): SUCCESS
  logfile: /u01/app/oracle/homes/OraDB21Home1/cfgtoollogs/sqlpatch/36991631/25865632/36991631_apply_CDBWLS_CDBROOT_2025Jan21_15_12_23.log (no errors)
```

1.7 Backup de B.D OIMDB

Se realiza el backup de la base de datos oimdb, la cual esta en cluster, del cluster solamente esta funcionando el nodo que se encuentra con la dirección ip publica: 172.28.18.95.
Se realiza la ejecución del backup utilizando la herramienta RMAN.



El backup se realiza de forma exitosa.

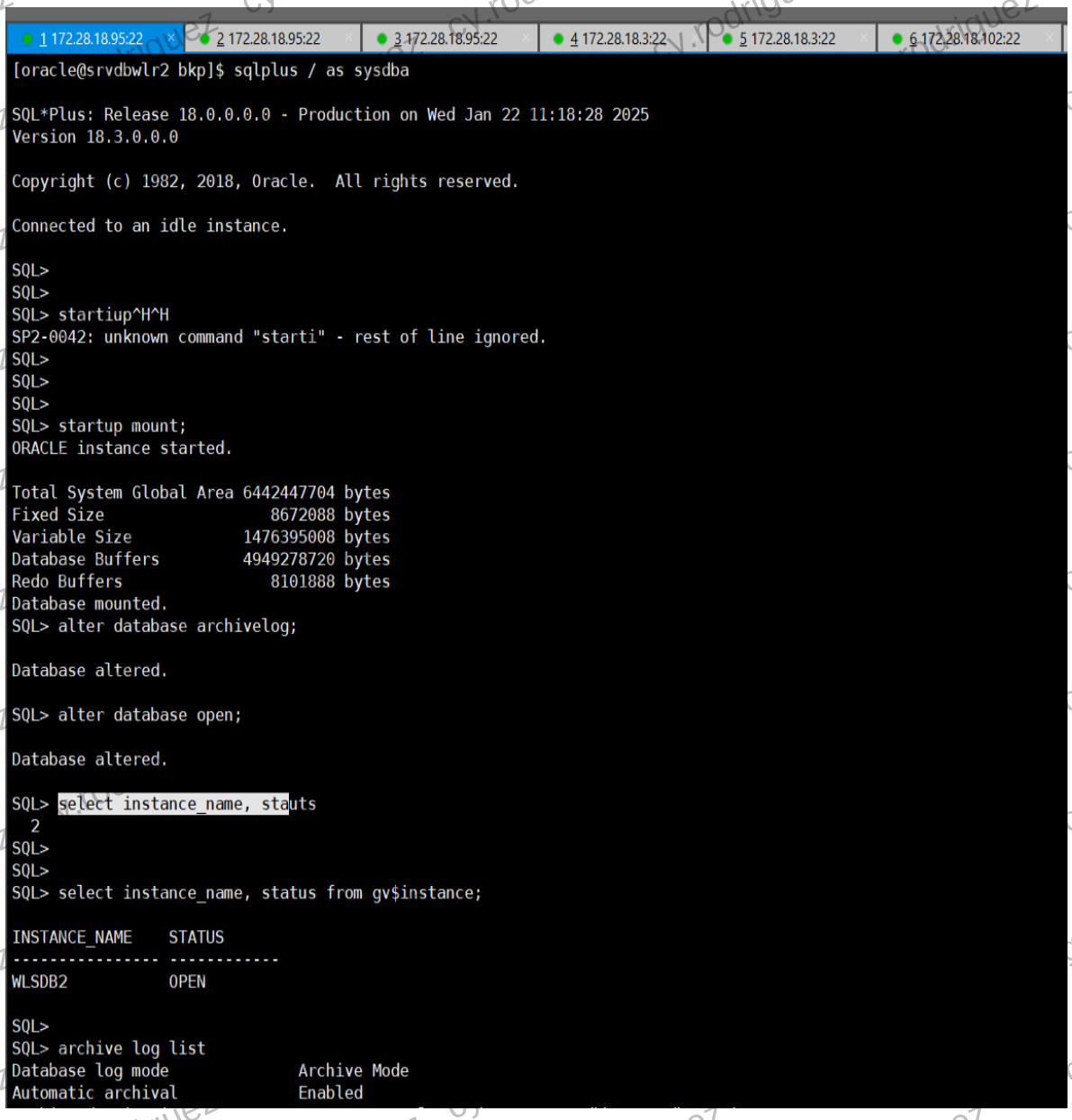
```
input archived log thread=2 sequence=18758 RECID=30926 STAMP=1190391784
input archived log thread=2 sequence=18759 RECID=30927 STAMP=1190417875
input archived log thread=2 sequence=18760 RECID=30928 STAMP=1190457980
input archived log thread=2 sequence=18761 RECID=30929 STAMP=1190498489
input archived log thread=2 sequence=18762 RECID=30930 STAMP=1190515671
input archived log thread=2 sequence=18763 RECID=30931 STAMP=1190589013
input archived log thread=2 sequence=18764 RECID=30932 STAMP=1190638509
input archived log thread=2 sequence=18765 RECID=30933 STAMP=1190680515
input archived log thread=2 sequence=18766 RECID=30934 STAMP=1190714288
input archived log thread=2 sequence=18767 RECID=30935 STAMP=1190737173
input archived log thread=2 sequence=18768 RECID=30936 STAMP=1190760065
input archived log thread=2 sequence=18769 RECID=30937 STAMP=1190786456
input archived log thread=2 sequence=18770 RECID=30938 STAMP=1190813693
input archived log thread=2 sequence=18771 RECID=30939 STAMP=1190834788
input archived log thread=2 sequence=18772 RECID=30940 STAMP=1190854668
channel ch00: starting piece 1 at 21-JAN-25
channel ch01: finished piece 1 at 21-JAN-25
piece handle=/bck/oim/20jan024/BKP_ARCH_OIM20jan024_823fprqo_1_1 tag=TAG20250121T115131 comment=NONE
channel ch01: backup set complete, elapsed time: 00:01:57
channel ch00: finished piece 1 at 21-JAN-25
piece handle=/bck/oim/20jan024/BKP_ARCH_OIM20jan024_833fprud_1_1 tag=TAG20250121T115131 comment=NONE
channel ch00: backup set complete, elapsed time: 00:01:05
Finished backup at 21-JAN-25

Starting backup at 21-JAN-25
channel ch00: starting full datafile backup set
channel ch00: specifying datafile(s) in backup set
including current control file in backup set
channel ch00: starting piece 1 at 21-JAN-25
channel ch00: finished piece 1 at 21-JAN-25
piece handle=/bck/oim/20jan024/BKP_OIM_CF_843fps0l_1_1.ctl tag=TAG20250121T121412 comment=NONE
channel ch00: backup set complete, elapsed time: 00:00:01
Finished backup at 21-JAN-25

Starting Control File and SPFILE Autobackup at 21-JAN-25
piece handle=+DG_DATA/OIMDB/AUTOBACKUP/2025_01_21/s_1190910724.1705.1190981657 comment=NONE
Finished Control File and SPFILE Autobackup at 21-JAN-25

released channel: ch00
```

Se entrega el backup alojado en la ruta /bck/oim/20jan024/ de este servidor: 172.28.18.95.

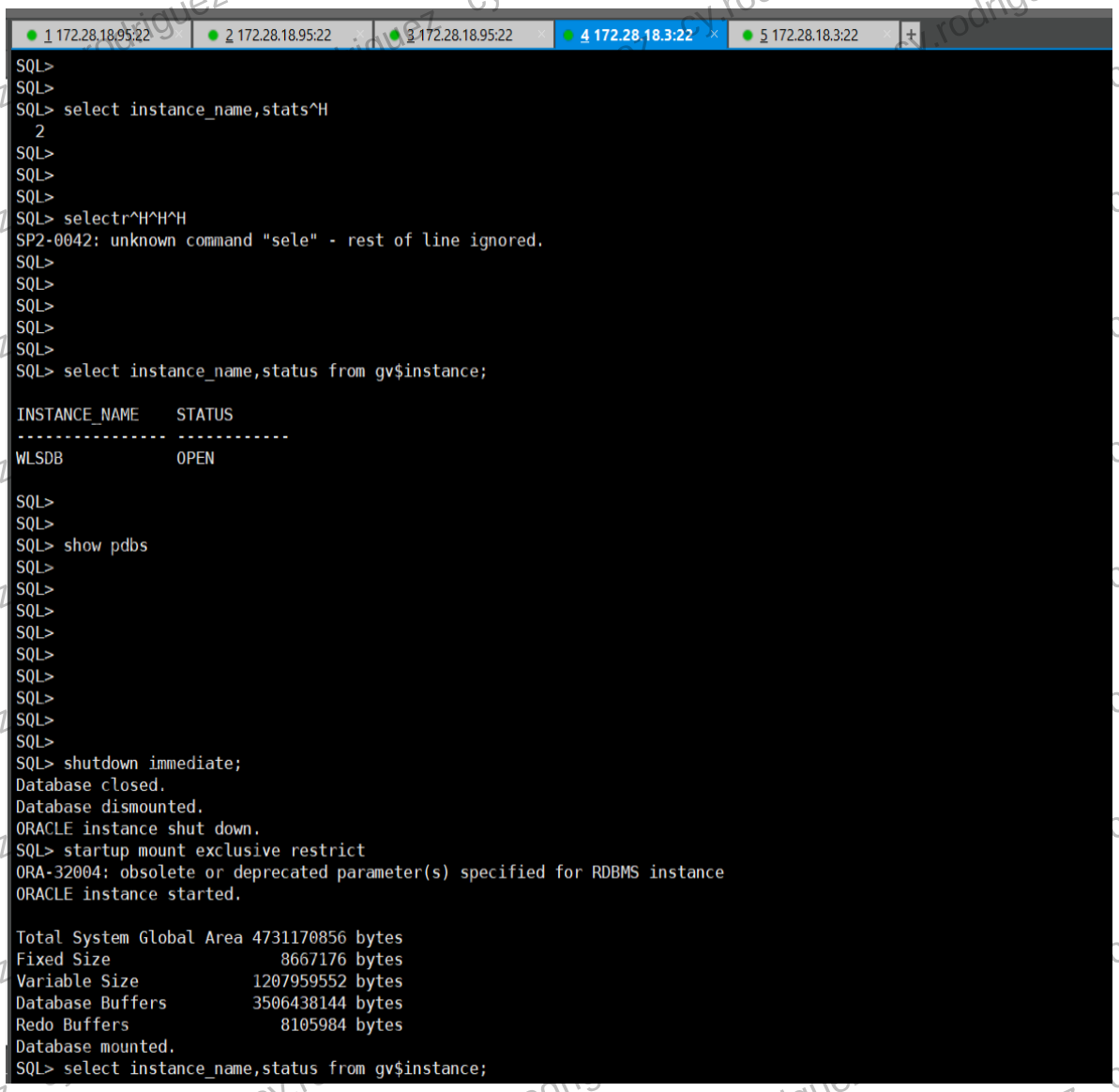
```
[oracle@srvdbwlr2 20jan024]$ ls -ltr /bck/oim/20jan024/
total 469304896
-rw-r--r--. 1 oracle oinstall         3503 Jan 21 10:32 initOIMDB.ora
-rw-r-----. 1 oracle asmadmin  95144370176 Jan 21 11:47 BKP_DATA_OIM20jan024_7d3fppj3_1_1
-rw-r-----. 1 oracle asmadmin 136364695552 Jan 21 11:51 BKP_DATA_OIM20jan024_7e3fppj4_1_1
-rw-r-----. 1 oracle asmadmin  12034704896 Jan 21 11:53 BKP_ARCH_OIM20jan024_7f3fpqmm_1_1
-rw-r-----. 1 oracle asmadmin  12032463360 Jan 21 11:53 BKP_ARCH_OIM20jan024_7g3fpqmn_1_1
-rw-r-----. 1 oracle asmadmin  12030213632 Jan 21 11:55 BKP_ARCH_OIM20jan024_7h3fpqqn_1_1
-rw-r-----. 1 oracle asmadmin  12017834496 Jan 21 11:55 BKP_ARCH_OIM20jan024_7i3fpqqp_1_1
-rw-r-----. 1 oracle asmadmin  12015556608 Jan 21 11:57 BKP_ARCH_OIM20jan024_7j3fpquo_1_1
-rw-r-----. 1 oracle asmadmin  12008626176 Jan 21 11:57 BKP_ARCH_OIM20jan024_7k3fpqur_1_1
-rw-r-----. 1 oracle asmadmin  11979877888 Jan 21 12:00 BKP_ARCH_OIM20jan024_7l3fpr2p_1_1
-rw-r-----. 1 oracle asmadmin  11968374272 Jan 21 12:00 BKP_ARCH_OIM20jan024_7m3fpr2r_1_1
-rw-r-----. 1 oracle asmadmin  11944908800 Jan 21 12:02 BKP_ARCH_OIM20jan024_7n3fpr6q_1_1
-rw-r-----. 1 oracle asmadmin  11937392640 Jan 21 12:02 BKP_ARCH_OIM20jan024_7o3fpr6r_1_1
-rw-r-----. 1 oracle asmadmin  11915870720 Jan 21 12:04 BKP_ARCH_OIM20jan024_7p3fprar_1_1
-rw-r-----. 1 oracle asmadmin  11905618944 Jan 21 12:04 BKP_ARCH_OIM20jan024_7q3fprat_1_1
-rw-r-----. 1 oracle asmadmin  11892466176 Jan 21 12:06 BKP_ARCH_OIM20jan024_7r3fpres_1_1
-rw-r-----. 1 oracle asmadmin  11889228288 Jan 21 12:06 BKP_ARCH_OIM20jan024_7s3fpreu_1_1
-rw-r-----. 1 oracle asmadmin  11878714368 Jan 21 12:08 BKP_ARCH_OIM20jan024_7t3fpriu_1_1
-rw-r-----. 1 oracle asmadmin  11861072896 Jan 21 12:08 BKP_ARCH_OIM20jan024_7u3fprj0_1_1
-rw-r-----. 1 oracle asmadmin  11796878336 Jan 21 12:10 BKP_ARCH_OIM20jan024_7v3fprmv_1_1
-rw-r-----. 1 oracle asmadmin  11760186880 Jan 21 12:10 BKP_ARCH_OIM20jan024_803fprn1_1_1
```

1.8 Mover BD WLS a nueva Infraestructura

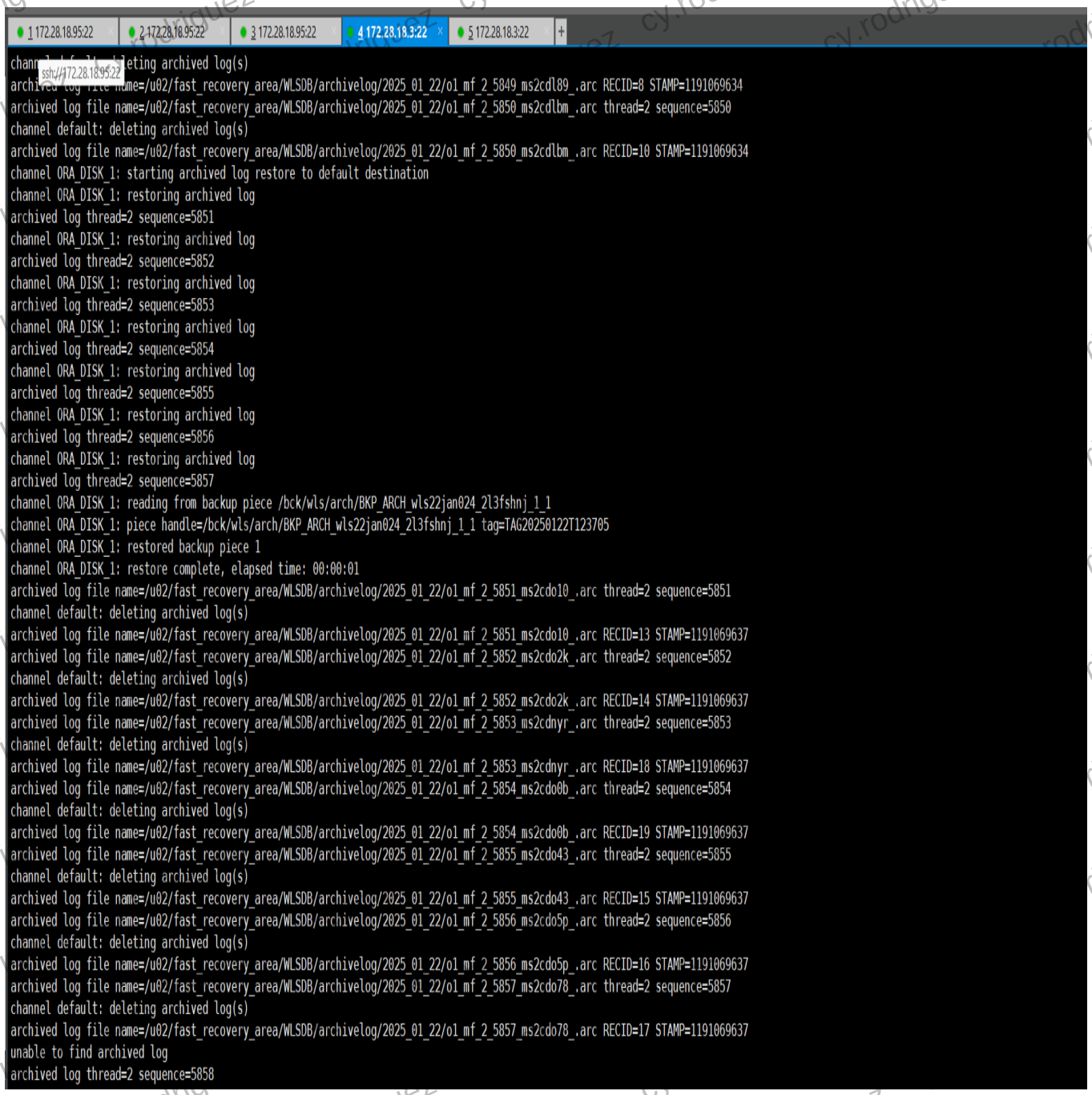
Se activa el modo archivelog de la base de datos wlsdb en el origen.



Se realiza la eliminación de la base de datos en el destino.



Se realiza la restauración de la base de datos solicitada.


1 172.28.18.95:22
2 172.28.18.95:22
3 172.28.18.95:22
4 172.28.18.3:22
5 172.28.18.3:22
ssh://172.28.18.95:22
deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5849_ms2cdl89_.arc RECID=8 STAMP=1191069634
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5850_ms2cdlbm_.arc thread=2 sequence=5850
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5850_ms2cdlbm_.arc RECID=10 STAMP=1191069634
channel ORA_DISK_1: starting archived log restore to default destination
channel ORA_DISK_1: restoring archived log
archived log thread=2 sequence=5851
channel ORA_DISK_1: restoring archived log
archived log thread=2 sequence=5852
channel ORA_DISK_1: restoring archived log
archived log thread=2 sequence=5853
channel ORA_DISK_1: restoring archived log
archived log thread=2 sequence=5854
channel ORA_DISK_1: restoring archived log
archived log thread=2 sequence=5855
channel ORA_DISK_1: restoring archived log
archived log thread=2 sequence=5856
channel ORA_DISK_1: restoring archived log
archived log thread=2 sequence=5857
channel ORA_DISK_1: reading from backup piece /bck/wls/arch/BKP_ARCH_wls22jan024_2l3fshnj_1_1
channel ORA_DISK_1: piece handle=/bck/wls/arch/BKP_ARCH_wls22jan024_2l3fshnj_1_1 tag=TAG20250122T123705
channel ORA_DISK_1: restored backup piece 1
channel ORA_DISK_1: restore complete, elapsed time: 00:00:01
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5851_ms2cdo10_.arc thread=2 sequence=5851
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5851_ms2cdo10_.arc RECID=13 STAMP=1191069637
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5852_ms2cdo2k_.arc thread=2 sequence=5852
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5852_ms2cdo2k_.arc RECID=14 STAMP=1191069637
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5853_ms2cdnyr_.arc thread=2 sequence=5853
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5853_ms2cdnyr_.arc RECID=18 STAMP=1191069637
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5854_ms2cdo0b_.arc thread=2 sequence=5854
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5854_ms2cdo0b_.arc RECID=19 STAMP=1191069637
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5855_ms2cdo43_.arc thread=2 sequence=5855
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5855_ms2cdo43_.arc RECID=15 STAMP=1191069637
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5856_ms2cdo5p_.arc thread=2 sequence=5856
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5856_ms2cdo5p_.arc RECID=16 STAMP=1191069637
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5857_ms2cdo78_.arc thread=2 sequence=5857
channel default: deleting archived log(s)
archived log file name=/u02/fast_recovery_area/WLSDB/archivelog/2025_01_22/o1_mf_2_5857_ms2cdo78_.arc RECID=17 STAMP=1191069637
unable to find archived log
archived log thread=2 sequence=5858

```
Recovery Manager complete.
[oracle@srvdbwl ~]$ sqlplus / as sysdba

SQL*Plus: Release 18.0.0.0.0 - Production on Wed Jan 22 12:40:43 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 database open resetlogs;

Database altered.

SQL>
SQL>
SQL>
SQL>
SQL> select instance_name,status from gv$instance;

INSTANCE_NAME    STATUS
---------------- ------------
wlsdb            OPEN

SQL>
SQL>
SQL>
SQL>
```

Se deja deshabilitado el modo archivelog en la db origen

```
[oracle@srvdbwlr2 arch]$ srvctl status database -d WLSDB
Instance WLSDB1 is not running on node srvdbwlr1
Instance WLSDB2 is running on node srvdbwlr2
[oracle@srvdbwlr2 arch]$
[oracle@srvdbwlr2 arch]$ sqlplus / as sysdba

SQL*Plus: Release 18.0.0.0.0 - Production on Wed Jan 22 12:50:32 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> archive log list
SP2-0718: illegal ARCHIVE LOG option
SQL> archive log list
```

```
Database dismounted.
ORACLE instance shut down.
SQL> startup mount;
ORACLE instance started.

Total System Global Area 4731170856 bytes
Fixed Size                 8667176 bytes
Variable Size            989855744 bytes
Database Buffers        3724541952 bytes
Redo Buffers               8105984 bytes
Database mounted.
SQL> alter database noarchivelog;

Database altered.

SQL> alter database open;

Database altered.

SQL> archive log list
Database log mode              No Archive Mode
Automatic archival             Disabled
Archive destination            USE_DB_RECOVERY_FILE_DEST
Oldest online log sequence     1
Current log sequence           2
SQL> select instance_name,status from gv$instance;
```

1 172.28.18.95:22 | 2 172.28.18.95:22 | 3 172.28.18.95:22 | 4 172.28.18.3:22 | 5 172.28.18.3:22

```
List of Permanent Datafiles
===========================
File Size(MB) Tablespace           RB segs Datafile Name
---- -------- -------------------- ------- ----------------------
1    1000     SYSTEM               YES     /u02/oradata/WLSDB/datafiles/system.261.995556187
2    128      FRM_IAU              NO      /u02/oradata/WLSDB/datafiles/frm_iau.271.995557091
3    10840    SYSAUX               NO      /u02/oradata/WLSDB/datafiles/sysaux.264.995556229
4    895      UNDOTBS1             YES     /u02/oradata/WLSDB/datafiles/undotbs1.267.995556253
5    225      UNDOTBS2             YES     /u02/oradata/WLSDB/datafiles/undotbs2.259.995556465
7    5        USERS                NO      /u02/oradata/WLSDB/datafiles/users.266.995556255
8    128      FRM_MDS              NO      /u02/oradata/WLSDB/datafiles/frm_mds.272.995557091
9    128      FRM_STB              NO      /u02/oradata/WLSDB/datafiles/frm_stb.273.995557093
10   128      FRM_WLS              NO      /u02/oradata/WLSDB/datafiles/frm_wls.274.995557093
11   128      FRM_IAS_UMS          NO      /u02/oradata/WLSDB/datafiles/frm_ias_ums.275.995557093
12   128      FRM_IAS_OPSS         NO      /u02/oradata/WLSDB/datafiles/frm_ias_opss.276.995557095
13   100      APEX                 NO      /u02/oradata/WLSDB/datafiles/apex.279.995557917
14   60       SIATH_IAS_OPSS       NO      /u02/oradata/WLSDB/datafiles/siath_ias_opss.285.997535713
15   100      SIATH_MDS            NO      /u02/oradata/WLSDB/datafiles/siath_mds.280.997535715
16   60       SIATH_IAU            NO      /u02/oradata/WLSDB/datafiles/siath_iau.281.997535719
17   60       SIATH_WLS            NO      /u02/oradata/WLSDB/datafiles/siath_wls.283.997535723
18   10       SIATH_STB            NO      /u02/oradata/WLSDB/datafiles/siath_stb.286.997535725
19   100      SIATH_IAS_UMS        NO      /u02/oradata/WLSDB/datafiles/siath_ias_ums.284.997535727
20   60       SIATHTEST_IAU        NO      /u02/oradata/WLSDB/datafiles/siathtest_iau.287.1000812815
21   60       SIATHTEST_IAS_OPSS   NO      /u02/oradata/WLSDB/datafiles/siathtest_ias_opss.288.1000812815
22   10       SIATHTEST_STB        NO      /u02/oradata/WLSDB/datafiles/siathtest_stb.289.1000812815
23   100      SIATHTEST_MDS        NO      /u02/oradata/WLSDB/datafiles/siathtest_mds.290.1000812817
24   100      SIATHTEST_IAS_UMS    NO      /u02/oradata/WLSDB/datafiles/siathtest_ias_ums.291.1000812817
25   60       SIATHTEST_WLS        NO      /u02/oradata/WLSDB/datafiles/siathtest_wls.292.1000812817
26   60       FRMT_WLS             NO      /u02/oradata/WLSDB/datafiles/frmt_wls.336.1008323317
27   100      FRMT_MDS             NO      /u02/oradata/WLSDB/datafiles/frmt_mds.337.1008323319
28   100      FRMT_IAS_UMS         NO      /u02/oradata/WLSDB/datafiles/frmt_ias_ums.338.1008323319
29   60       FRMT_IAU             NO      /u02/oradata/WLSDB/datafiles/frmt_iau.340.1008323323
30   10       FRMT_STB             NO      /u02/oradata/WLSDB/datafiles/frmt_stb.341.1008323323
31   60       FRMT_IAS_OPSS        NO      /u02/oradata/WLSDB/datafiles/frmt_ias_opss.342.1008323323
32   10       FORMSWEB_STB         NO      /u02/oradata/WLSDB/datafiles/formsweb_stb.345.1024312123
33   120      FORMSWEB_IAS_OPSS    NO      /u02/oradata/WLSDB/datafiles/formsweb_ias_opss.348.1024312123
34   60       FORMSWEB_IAU         NO      /u02/oradata/WLSDB/datafiles/formsweb_iau.349.1024312125
35   60       FORMSWEB_WLS         NO      /u02/oradata/WLSDB/datafiles/formsweb_wls.344.1024312127

List of Temporary Files
=======================
File Size(MB) Tablespace           Maxsize(MB) Tempfile Name
---- -------- -------------------- ----------- --------------------
1    20       TEMP                 32767       /u02/oradata/WLSDB/datafiles/WLSDB/datafile/o1_mf_temp_ms2cfclp_.tmp
2    128      FRM_IAS_TEM          32767       /u02/oradata/WLSDB/datafiles/WLSDB/datafile/o1_mf_frm_ias__ms2cfcmk_.tmp
3    100      FRM_IAS_TEMP         32767       /u02/oradata/WLSDB/datafiles/WLSDB/datafile/o1_mf_frm_ias__ms2cfcnc_.tmp
```

1.9 Tratamiento errores de BD – IMPD

Se presenta el siguiente error al momento que el cliente realizar un impdp.

```
[oracle@srvdbo06 bkp]$ impdp SYSTEM@SINAR DIRECTORY=EXPORT_TITAN DUMPFILE=USR_SIARE_CONTR_TEST.dmp LOGFILE=USR_SIARE_CONTR_IMP.log REMAP_SCHEMA=USR_SIARE_CONTR_TEST:USR_SIARE_CONTR

Import: Release 21.0.0.0.0 - Production on Fri Jan 17 09:41:45 2025
Version 21.15.0.0.0

Copyright (c) 1982, 2021, Oracle and/or its affiliates.  All rights reserved.
Password:

Connected to: Oracle Database 21c Enterprise Edition Release 21.0.0.0.0 - Production
ORA-39002: invalid operation
ORA-39070: Unable to open the log file.
ORA-29283: invalid file operation: cannot open file [29435]


[oracle@srvdbo06 bkp]$
[oracle@srvdbo06 bkp]$
[oracle@srvdbo06 bkp]$
```

Se valida el directorio y este se encuentra solamente con permisos para SYS y el impdp se requiere ejecutar con SYSTEM, se le adiciona el permiso solicitado.

```
SYS@cdb1adm1>
SYS@cdb1adm1> show pdbs

    CON_ID CON_NAME                       OPEN MODE  RESTRICTED
---------- ------------------------------ ---------- ----------
        13 SINAR                          READ WRITE NO
SYS@cdb1adm1>
SYS@cdb1adm1>
SYS@cdb1adm1>
SYS@cdb1adm1>
SYS@cdb1adm1> select * from dba_directories;

OWNER                                                                                                                            DIRECTORY_NAME
-------------------------------------------------------------------------------------------------------------------------------- ------------------------------
DIRECTORY_PATH
--------------------------------------------------------------------------------------------------------------------------------
--------------------------------------------------------------------------------------------------------------------------------
ORIGIN_CON_ID
-------------
SYS                                                                                                                              EXPORT_TITAN
/bkp
           13
```

```
SYS@cdb1adm1>
SYS@cdb1adm1>
SYS@cdb1adm1> GRANT READ, WRITE ON DIRECTORY EXPORT_TITAN to SYSTEM;

Grant succeeded.
```

Se vuelve a ejecutar el cargue y este se genera sin problemas.

```
[oracle@srvdbo06 bkp]$ impdp SYSTEM@SINAR DIRECTORY=EXPORT_TITAN DUMPFILE=USR_SIARE_CONTR_TEST.dmp LOGFILE=USR_SIARE_CONTR_IMP.log REMAP_SCHEMA=USR_SIARE_CONTR_TEST:USR_SIARE_CONTR

Import: Release 21.0.0.0.0 - Production on Fri Jan 17 09:55:06 2025
Version 21.15.0.0.0

Copyright (c) 1982, 2021, Oracle and/or its affiliates.  All rights reserved.
Password:

Connected to: Oracle Database 21c Enterprise Edition Release 21.0.0.0.0 - Production
Master table "SYSTEM"."SYS_IMPORT_FULL_01" successfully loaded/unloaded
Starting "SYSTEM"."SYS_IMPORT_FULL_01":  SYSTEM/********@SINAR DIRECTORY=EXPORT_TITAN DUMPFILE=USR_SIARE_CONTR_TEST.dmp LOGFILE=USR_SIARE_CONTR_IMP.log REMAP_SCHEMA=USR_SIARE_CONTR_TEST:USR_SIARE_CONTR
Processing object type SCHEMA_EXPORT/USER
ORA-31684: Object type USER:"USR_SIARE_CONTR" already exists

Processing object type SCHEMA_EXPORT/SYSTEM_GRANT
Processing object type SCHEMA_EXPORT/DEFAULT_ROLE
Processing object type SCHEMA_EXPORT/TABLESPACE_QUOTA
Processing object type SCHEMA_EXPORT/PRE_SCHEMA/PROCACT_SCHEMA
Processing object type SCHEMA_EXPORT/TABLE/TABLE
ORA-39151: Table "USR_SIARE_CONTR"."CT_TIPO_LIQUIDACION" exists. All dependent metadata and data will be skipped due to table_exists_action of skip

ORA-39151: Table "USR_SIARE_CONTR"."CT_PERIOCIDAD_INFORME" exists. All dependent metadata and data will be skipped due to table_exists_action of skip

ORA-39151: Table "USR_SIARE_CONTR"."CT_CONTRATO_ADICION" exists. All dependent metadata and data will be skipped due to table_exists_action of skip
```

1.10 Actualización Replicas OIM

Se validar el estado de replicación de la base de datos OUD, se encuentran en los servicios el node abajo.

```
[root@srvdbipd2 ~]# crsctl status resource -t
--------------------------------------------------------------------------------
Name           Target  State        Server                   State details
--------------------------------------------------------------------------------
Local Resources
--------------------------------------------------------------------------------
ora.LISTENER.lsnr
               ONLINE  ONLINE       srvdbipd2                STABLE
ora.chad
               ONLINE  ONLINE       srvdbipd2                STABLE
ora.net1.network
               ONLINE  ONLINE       srvdbipd2                STABLE
ora.ons
               ONLINE  ONLINE       srvdbipd2                STABLE
--------------------------------------------------------------------------------
Cluster Resources
--------------------------------------------------------------------------------
ora.ASMNET1LSNR_ASM.lsnr(ora.asmgroup)
      1        ONLINE  OFFLINE                               STABLE
      2        ONLINE  ONLINE       srvdbipd2                STABLE
      3        ONLINE  OFFLINE                               STABLE
ora.DG_DATA.dg(ora.asmgroup)
      1        OFFLINE OFFLINE                               STABLE
      2        ONLINE  ONLINE       srvdbipd2                STABLE
      3        OFFLINE OFFLINE                               STABLE
ora.LISTENER_SCAN1.lsnr
      1        ONLINE  ONLINE       srvdbipd2                STABLE
ora.LISTENER_SCAN2.lsnr
      1        ONLINE  ONLINE       srvdbipd2                STABLE
ora.LISTENER_SCAN3.lsnr
      1        ONLINE  ONLINE       srvdbipd2                STABLE
ora.asm(ora.asmgroup)
      1        ONLINE  OFFLINE                               STABLE
      2        ONLINE  ONLINE       srvdbipd2                Started,STABLE
      3        OFFLINE OFFLINE                               STABLE
ora.asmnet1.asmnetwork(ora.asmgroup)
      1        ONLINE  OFFLINE                               STABLE
      2        ONLINE  ONLINE       srvdbipd2                STABLE
      3        OFFLINE OFFLINE                               STABLE
ora.cvu
      1        ONLINE  ONLINE       srvdbipd2                STABLE
ora.dbipd.db
      1        ONLINE  OFFLINE                               STABLE
      2        ONLINE  ONLINE       srvdbipd2                Open,HOME=/u01/app/p
                                                             roduct/19.0.0/dbhome
```

Bajo autorización del cliente se procede al reinicio del nodo para verificar su subida automática.

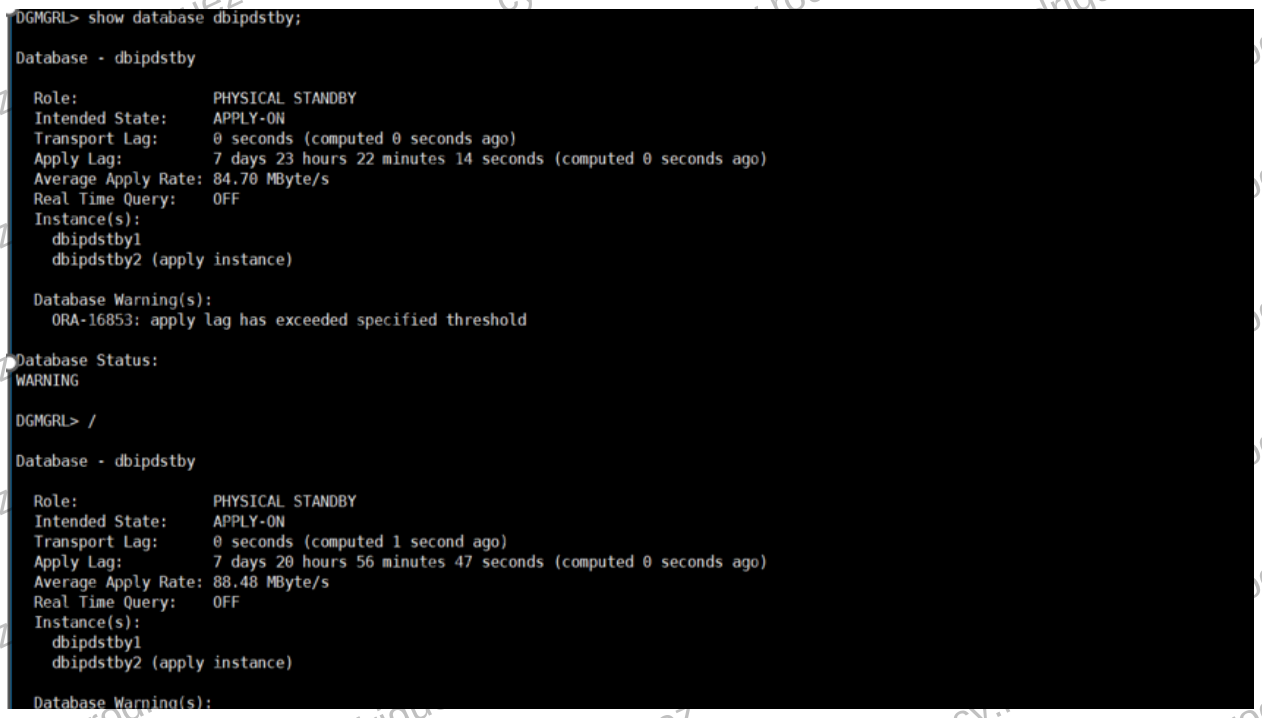
```
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]# ps -fe| grep pmon
root     19994 13836  0 14:57 pts/1    00:00:00 grep --color=auto pmon
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]#
[root@srvdbipd1 ~]# shutdown -r now
Connection closing...Socket close.
```

El nod0 no realiza la subida de servicios de forma automática, se realizan los ajustes de la replica:

```
grid      7970  3620  0 15:03 ?        00:00:00 sleep 60
root      9080  4324  0 15:04 pts/0    00:00:00 grep --color=auto grid
[root@srvdbipd1 ~]# last reboot
reboot   system boot  5.4.17-2136.320. Fri Jan 17 15:00 - 15:04  (00:04)
reboot   system boot  5.4.17-2136.320. Sat Dec 28 15:07 - 14:59 (19+23:52)
reboot   system boot  5.4.17-2136.320. Sat Dec 28 14:50 - 15:07  (00:17)
reboot   system boot  5.4.17-2136.320. Fri Nov  1 17:32 - 14:49 (56+21:16)
```

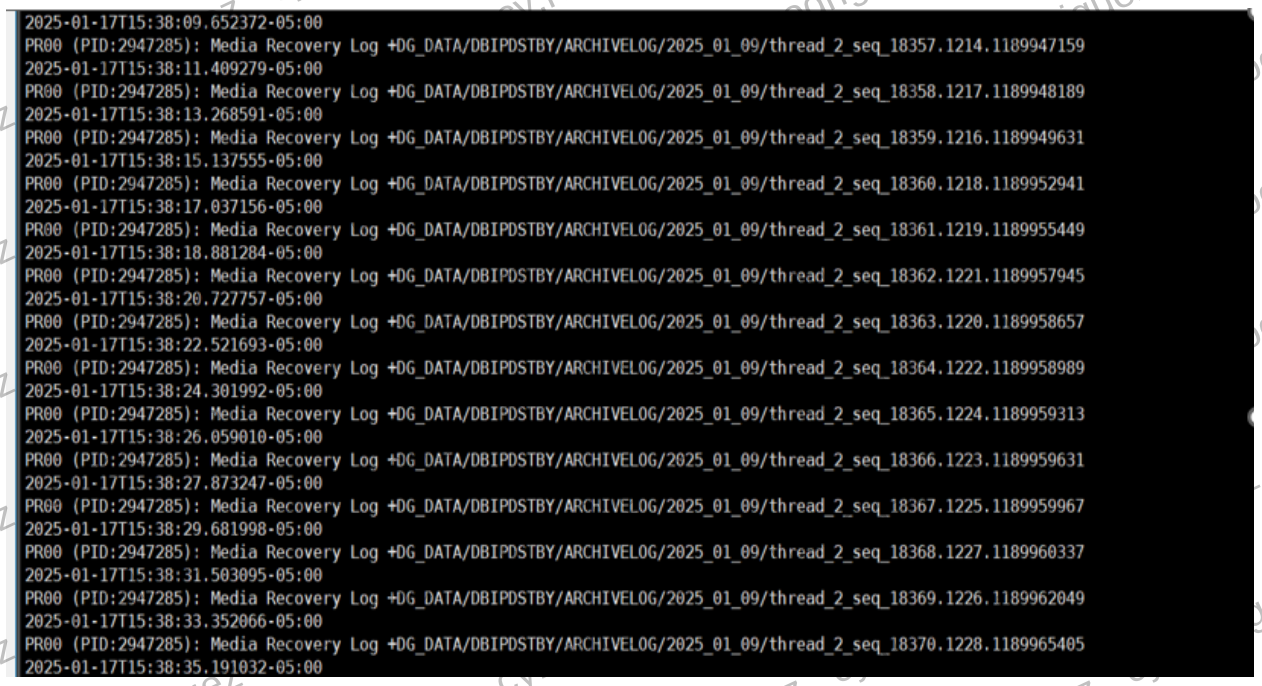
Se encuentra con problemas de sincronización del dataguard de la base de datos

```
[oracle@srvdbipd2 ~]$ dgmgrl
DGMGRL for Linux: Release 19.0.0.0.0 - Production on Fri Jan 17 15:08:22 2025
Version 19.3.0.0.0

Copyright (c) 1982, 2019, Oracle and/or its affiliates.  All rights reserved.

Welcome to DGMGRL, type "help" for information.
DGMGRL> connect /
Connected to "dbipd"
Connected as SYSDG.
DGMGRL>
DGMGRL>
DGMGRL>
DGMGRL> show configuration;

Configuration - dgconfig_dbipd

  Protection Mode: MaxPerformance
  Members:
  dbipd     - Primary database
    dbipdstby - Physical standby database
      Error: ORA-16810: multiple errors or warnings detected for the member

Fast-Start Failover:  Disabled

Configuration Status:
ERROR   (status updated 39 seconds ago)

DGMGRL>
DGMGRL>
DGMGRL>
```



```
DGMGRL> show database dbipdstby;

Database - dbipdstby

  Role:               PHYSICAL STANDBY
  Intended State:     APPLY-ON
  Transport Lag:      0 seconds (computed 0 seconds ago)
  Apply Lag:          7 days 23 hours 22 minutes 14 seconds (computed 0 seconds ago)
  Average Apply Rate: 84.70 MByte/s
  Real Time Query:    OFF
  Instance(s):
    dbipdstby1
    dbipdstby2 (apply instance)

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

Database Status:
WARNING

DGMGRL> /

Database - dbipdstby

  Role:               PHYSICAL STANDBY
  Intended State:     APPLY-ON
  Transport Lag:      0 seconds (computed 1 second ago)
  Apply Lag:          7 days 20 hours 56 minutes 47 seconds (computed 0 seconds ago)
  Average Apply Rate: 88.48 MByte/s
  Real Time Query:    OFF
  Instance(s):
    dbipdstby1
    dbipdstby2 (apply instance)

  Database Warning(s):
```

Proceso de actualización de la replica:



```
2025-01-17T15:38:09.652372-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18357.1214.1189947159
2025-01-17T15:38:11.409279-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18358.1217.1189948189
2025-01-17T15:38:13.268591-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18359.1216.1189949631
2025-01-17T15:38:15.137555-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18360.1218.1189952941
2025-01-17T15:38:17.037156-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18361.1219.1189955449
2025-01-17T15:38:18.881284-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18362.1221.1189957945
2025-01-17T15:38:20.727757-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18363.1220.1189958657
2025-01-17T15:38:22.521693-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18364.1222.1189958989
2025-01-17T15:38:24.301992-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18365.1224.1189959313
2025-01-17T15:38:26.059010-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18366.1223.1189959631
2025-01-17T15:38:27.873247-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18367.1225.1189959967
2025-01-17T15:38:29.681998-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18368.1227.1189960337
2025-01-17T15:38:31.503095-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18369.1226.1189962049
2025-01-17T15:38:33.352066-05:00
PR00 (PID:2947285): Media Recovery Log +DG_DATA/DBIPDSTBY/ARCHIVELOG/2025_01_09/thread_2_seq_18370.1228.1189965405
2025-01-17T15:38:35.191032-05:00
```

Estado final de la replica:

```
DGMGRL> /

Database - dbipdstby

  Role:               PHYSICAL STANDBY
  Intended State:     APPLY-ON
  Transport Lag:      0 seconds (computed 0 seconds ago)
  Apply Lag:          0 seconds (computed 0 seconds ago)
  Average Apply Rate: 85.59 MByte/s
  Real Time Query:    OFF
  Instance(s):
    dbipdstby1
    dbipdstby2 (apply instance)

Database Status:
SUCCESS

DGMGRL> show configuration;

Configuration - dgconfig_dbipd

  Protection Mode: MaxPerformance
  Members:
  dbipd     - Primary database
    dbipdstby - Physical standby database

Fast-Start Failover:  Disabled
```

1.11 Resumen de Horas de Soporte

ITEM	ACTIVIDAD	HORAS
1	Configuración de repositorio local en los servidores KVM de contingencia	6
2	Creación de ambiente de OUD en sitio alterno	8
3	Corrección de hora en servidores	3
4	Revisión de individual de servidores de DB	24
5	Revisión estado de réplica de base de datos	5
6	Estado general del Almacenamiento de las bases de datos	5
7	Tarea de BD: Aplicación Patches, Mover BD a nueva Infraestructura, Tratamiento de Errores. Actualización Replicas BD OIM Y Aseguramiento Backups OIMDB	54
TOTAL		**105**

Cordialmente,

Ing. José Marcelino Escallón Morales
Representante Legal

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 seis (06) días del mes de febrero de dos mil veinticinco (2.025) con destino a POLICÍA NACIONAL - DIRECCIÓN LOGÍSTICA Y FINANCIERA.

Cordialmente,

SANDRA LILIANA GUTIÉRREZ LÓPEZ
Revisora Fiscal

GS-2025-001077-OFTIC

compensar | miplanilla.com

REPORTE RESUMEN DE PAGO

Información básica de la planilla

Empresa:	EUPHORIANET SAS	**NIT:**	830067631
Tipo Planilla:	E	**Periodo liquidación Pensiones:**	enero 2025
Sucursal o Dependencia:	PRINCIPAL	**Periodo liquidación Salud:**	febrero 2025
Número de Radicación:	83987631	**Total a pagar:**	$11,872,900
Fecha de vencimiento:	10/02/2025	**Total de empleados:**	10
Fecha de Pago:	06/02/2025	**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:**	1248150783
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	$247,900
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	$3,774,200
CCF24	860066942	Compensar Caja de Compensacion Fliar	10		$0	$2,003,000
EPS005	800251440	Sanitas EPS	4		$0	$753,100
EPS008	860066942	Compensar EPS	3		$0	$607,600
EPS017	830003564	Famisanar EPS Cafam Colsubsidio	2		$0	$527,800
EPS037	900156264	Nueva Promotora de Salud - Nueva EPS	1		$0	$114,500
						$11,872,900

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

1702762276

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