

**Oracle® Communications  
EAGLE Application Processor**

**System Health Check Guide**

Release 18.0

G55333-01

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**ORACLE®**

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- For Non-technical issues such as registration or assistance with My Oracle Support, select **2**.
- For Hardware, Networking and Solaris Operating System Support, select **3**.

You are connected to a live agent who can assist you with My Oracle Support registration and opening a support ticket.

My Oracle Support is available 24 hours a day, 7 days a week, 365 days a year.

## ACRONYMS

This section lists the terms and acronyms specific to this document.

**Table 1. Acronyms**

Acronym/Term	Definition
MPS	Multi-Purpose Server
OC-EPAP	Oracle Communications EAGLE Application Processor
TPD	Tekelec Platform Distribution
RTDB	Real Time Database

## **WHAT'S NEW IN THIS GUIDE**

This section introduces the documentation updates for Release 18.0 in Oracle Communications EAGLE Application Processor System Health Check Guide.

### **Release 18.0 - G55333-01, June 2026**

Updated the release versions throughout the doc to 18.0.

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# 1 Introduction

## 1.1 Purpose and Scope

This document describes the Oracle recommended methods and procedures to evaluate the health of the setup. This document is intended for use for systems running on EPAP release 18.0

This document is intended for EAGLE engineering, integration, documentation, technical services, and any craft person who has completed EPAP training and is familiar with EPAP interface.

**The document is written to support all customer configurations. All of the commands specified in the procedures should be executed unless explicitly stated otherwise in the individual procedure. Not doing so may result in a delay in the analysis performed by Oracle support.**

## 1.2 Terminology

Multiple servers may be involved with the procedures in this manual. Therefore, most steps in the written procedures begin with the name or type of server to which the step applies. For example:

*Each step has a checkbox 1A for every command within the step that the technician should check to keep track of the progress of the procedure*

*Each step has a checkbox 1B for every command within the step that the technician should check to keep track of the progress of the procedure*

*The title box describes the operations to be performed during that +step*

*Each command that the technician is to enter is in 9 point Lucida Consile font*

*Output displayed only for reference actual output may differ*

<b>1A</b> <input type="checkbox"/>	<b>1B</b> <input type="checkbox"/>	MPS 1A: Verify date	\$ date Thu Apr 20 11:48:24 EDT 2017
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**Figure 1. Example of a step that indicates the Server on which it needs to be executed**

## 2 Health Check Overview

### 2.1.1 Configuration I: Health Check on Provisionable EPAP Mated Pairs

An EPAP system is a pair of MPS servers (an A and a B node). Current deployments of EPAP support two geographically separated EPAP systems that are “mated”, meaning they communicate and replicate PDB information between the two sites. From the PDB perspective, these systems are working in a redundant configuration, this is, one Active and one Standby.

Therefore a mated pair of EPAP systems consists of four MPS servers, an A and a B node for each EPAP system. This document describes how to conduct the health check of the EPAP software on one system, that system consisting of two MPS servers (A and B).

### 2.1.2 Configuration II: Health Check on Non-Provisionable EPAP Pairs

EPAP provides the ability to expand the concept of a mated pair of EPAP systems to have up to 24 EPAP systems (48 MPS servers total) configured such that two of the MPS-A servers will run the PDBA software and handle provisioning (Provisionable nodes) and the other 22 MPS-B and 22 MPS-A servers will only run the RTDB software, taking their updates from the two Provisionable servers.

This document describes how to conduct the health check of the EPAP software on one system, that system consisting of two Non-Provisionable servers.

### 2.1.3 Configuration III: Health Check on Standalone Provisionable EPAP

A Standalone PDB runs the PDB process only and is connected to Non-Provisionable running RTDB only. Up to 22 Non-Provisional EPAP mated pairs can be connected to 2 Standalone PDB EPAPs that are configured as Active/Standby.

This document describes how to conduct the health check of the EPAP software on one system, that system consisting of a single Provisionable server.

**Note:** Most of the steps to perform health check are common for all three configurations except a few steps which will be exclusively highlighted to run on a particular configuration.

### 3 Pre-Health Check Requirements

- User shall have the access to the server on which health check is to be performed via Securelink, VPN and/or via Modem or a PC with null modem cable for connection to serial port.
- User shall be able to log into the web GUI, such as a PC with Microsoft Edge, or via lynx text GUI.
- User shall have the terminal capture enabled to allow review of the output.
- User shall have the passwords for the following users as mentioned in table below:

User	Password
epapconfig	
epapdev	
admusr	

## 4 EPAP Health Check

### 4.1 System Status

These steps can be performed on any of the EPAP configurations as mentioned in section 2. For mated pairs, commands should be run on both of the servers.

S T E P #	Steps To Be Completed	Expected output/command to be run
1. <input type="checkbox"/>	<b>MPS X:</b> Login as admusr	<b>login: admusr</b> <b>password: &lt;admusr_password&gt;</b>
2. <input type="checkbox"/>	<b>MPS X:</b> Record the TPD version	\$ getPlatRev Refer to Media and Documentation section of EPAP 18.0 Release Notes for correct TPD Release.
3. <input type="checkbox"/>	<b>MPS X:</b> Verify that the time difference between servers is 30 seconds or less.	\$ sudo date ; sudo clock  Thu Apr 20 11:48:24 EDT 2017  Thu 20 Apr 2017 11:48:25 AM EDT -0.031459 seconds
4. <input type="checkbox"/>	<b>MPS X:</b> Verify that the ntp server is in sync Delay should be less than 30 seconds	\$ ntpq -p remote refid st t when poll reach <b>delay</b> offset jitter  =====
5. <input type="checkbox"/>	<b>MPS X:</b> Record the last reboot occurred	\$ uptime 12:03:59 up 9:12, 2 users, load average: 0.32, 0.35, 0.32  <b>Note:</b> A server reboot is recommended after every 180 days.
6. <input type="checkbox"/>	<b>MPS X:</b> Record the EPAP release number from rpm query.	[epapdev@dev\loan03 ~]\$ rpm -qi TKLCepap  Name : TKLCepap Version : 180.0.6 Release : 18.0.0.0.0_180.6.0 Architecture: x86_64 Install Date: Wed 27 May 2026 02:10:38 PM EDT Group : Development/Build Size : 192776058 License : TEKELEC 2005-2024 Signature : (none) Source RPM : TKLCepap-180.0.6-18.0.0.0.0_180.6.0.src.rpm Build Date : Fri 22 May 2026 02:57:38 AM EDT

		<p>Build Host : epap-build-server-tpd-150-30-0  Relocations : (not relocatable)  Packager : &lt;@tekelec.com&gt;  Vendor : Tekelec  URL : http://www.tekelec.com/  Summary : Oracle Communications EPAP Package  Description :</p> <p>This is the Oracle Communications EAGLE Application Processor(EPAP) Package.  The Package installs EPAP software. EPAP provides Provisioning Database Application (PDBA) and Real Time Database (RTDB).  In case of PDBonly, there will be no RTDB, only PDB will reside on A side.  In case of Mixed server, both PDB and RTDB will reside on A side and only RTDB will reside on B side.  In case of Non-Prov server, only RTDB will reside on both A and B side.  [epapdev@devloan03 ~]\$</p>
7. <input type="checkbox"/>	<p><b>MPS X:</b>  Verify system health check</p>	<pre>\$ sudo syscheck Running modules in class disk...                     OK Running modules in class hardware...                     OK Running modules in class net...                     OK Running modules in class proc...                     OK Running modules in class services...                     OK Running modules in class system...                     OK Running modules in class upgrade...                     OK LOG LOCATION: /var/TKLC/log/syscheck/fail_log</pre> <p>Syscheck may also report the following:  * defaultroute: FAILURE:: MINOR::5000000000040000 -- Platform Health Check Failure  * defaultroute: FAILURE:: ping6 return non-zero code.  * defaultroute: FAILURE:: MAJOR::300000000002000 -- Server Default Route Network Error  * defaultroute: FAILURE:: The IPv6 default route at fe80::f64e:5ff:fe49:9b7f cannot be pinged!</p> <p>Note: In case one or more modules FAILED, re-run the command with verbose option like:  \$ sudo syscheck -v  Record the output and contact My Oracle Support.</p>
8. <input type="checkbox"/>	<p><b>MPS X:</b>  Verify all current banner header messages</p>	<pre>\$ manageBannerInfo -l</pre> <p>There are currently no BannerInfo messages for this side in the database.  Note: In case there are any alarms record those alarms and contact My Oracle Support.</p>
9. <input type="checkbox"/>	<p><b>MPS X:</b>  Retrieve alarm status from alarm manager.</p>	<pre>\$ alarmMgr --alarmStatus</pre>

		<p>Note: No output will be displayed if there are no alarms on the system. In case any output is observed record the output. Sample alarms are displayed below:</p> <pre>\$ alarmMgr --alarmStatus</pre> <p>SEQ: 17272594 UPTIME: 14280330 BIRTH: 1356031430 TYPE: SET ALARM: TKSPLATMA1 tpdFanError 1.3.6.1.4.1.323.5.3.18.3.1.2.1</p>
10. <input type="checkbox"/>	<p><b>MPS X:</b> Record the last lines of alarm log</p>	<pre>\$ tail -40 /var/TKLC/epap/logs/alarm.log 20170420031934 ELAP LocalMaint S Minor Application 1 20170420031934 EPAP LocalMaint S 1000 20170420031934 ELAP LocalMaint S Minor Application 2 20170420031939 EPAP LocalMaint C 1000 20170420031939 ELAP LocalMaint C Minor Application 2 20170420031939 EPAP LocalMaint C 800 20170420031939 ELAP LocalMaint C Minor Application 1 20170420031949 ELAP LocalMaint C Major Application 40000000 20170420032432 ELAP LocalMaint S Major Application 40000000 20170420032435 EPAP LocalMaint S 800 20170420032435 ELAP LocalMaint S Minor Application 1 20170420032436 EPAP LocalMaint S 1000 20170420032436 ELAP LocalMaint S Minor Application 2 20170420032439 EPAP LocalMaint C 800 20170420032439 ELAP LocalMaint C Minor Application 1 20170420032440 EPAP LocalMaint C 1000 20170420032440 ELAP LocalMaint C Minor Application 2 20170420032449 ELAP LocalMaint C Major Application 40000000 20170420032931 ELAP LocalMaint S Major Application 40000000 20170420032935 EPAP LocalMaint S 800 20170420032935 ELAP LocalMaint S Minor Application 1 20170420032935 EPAP LocalMaint S 1000 20170420032935 ELAP LocalMaint S Minor Application 2 20170420032939 EPAP LocalMaint C 1000 20170420032939 ELAP LocalMaint C Minor Application 2 20170420032940 EPAP LocalMaint C 800 20170420032940 ELAP LocalMaint C Minor Application 1 20170420032949 ELAP LocalMaint C Major Application 40000000 20170420033432 ELAP LocalMaint S Major Application 40000000 20170420033435 EPAP LocalMaint S 800 20170420033435 ELAP LocalMaint S Minor Application 1 20170420033436 EPAP LocalMaint S 1000 20170420033436 ELAP LocalMaint S Minor Application 2 20170420033440 EPAP LocalMaint C 800 20170420033440 ELAP LocalMaint C Minor Application 1 20170420033440 EPAP LocalMaint C 1000 20170420033440 ELAP LocalMaint C Minor Application 2 20170420033449 ELAP LocalMaint C Major Application 40000000 20170420033541 ELAP LocalMaint S Major Application 1 20170420033541 ELAP LocalMaint C Major Application 1</pre>
11. <input type="checkbox"/>	<p><b>MPS X:</b> Record the last lines of messages log</p>	<pre>\$ tail -40 /var/log/messages</pre> <p>Apr 20 02:56:30 Natal-A kernel: type=1305 audit(1492671389.509:3): audit_pid=3222 old=0 auid=4294967295 ses=4294967295 res=1</p> <p>Apr 20 02:56:31 Natal-A xinetd[3528]: xinetd Version 2.3.14 started with libwrap loadavg labeled-networking options compiled in.</p> <p>Apr 20 02:56:31 Natal-A xinetd[3528]: Started working: 1 available service</p> <p>Apr 20 02:56:31 Natal-A ntpdate[3544]: name server cannot be used: Temporary failure in name resolution (-3)</p>

		<p>Apr 20 02:56:31 Natal-A ntpdate[3544]: name server cannot be used: Temporary failure in name resolution (-3)</p> <p>Apr 20 02:56:31 Natal-A ntpdate[3544]: name server cannot be used: Temporary failure in name resolution (-3)</p> <p>Apr 20 02:56:31 Natal-A ntpdate[3544]: name server cannot be used: Temporary failure in name resolution (-3)</p> <p>Apr 20 02:52:28 Natal-A ntpdate[3544]: step time server 192.168.2.200 offset -243.364332 sec</p> <p>Apr 20 02:52:29 Natal-A kernel: ACPI Warning: SystemIO range 0x0000000000000a70-0x000000000000a71 conflicts with OpRegion 0x000000000000a00-0x000000000000a7f (\_SB_.PCI0.SBRG.RNTR) (20090903/utaddress-254)</p> <p>Apr 20 02:52:29 Natal-A kernel: ACPI: This conflict may cause random problems and system instability</p> <p>Apr 20 02:52:29 Natal-A kernel: coretemp coretemp.0: TjMax forced to 95 degrees C by user</p> <p>Apr 20 02:52:29 Natal-A kernel: coretemp coretemp.0: TjMax forced to 95 degrees C by user</p> <p>Apr 20 02:52:29 Natal-A kernel: Cypress init</p> <p>Apr 20 02:52:30 Natal-A ntpd[3583]: ntpd 4.2.6p5@1.2349-o Tue Mar 7 22:14:23 UTC 2017 (1)</p> <p>Apr 20 02:52:30 Natal-A ntpd[3584]: proto: precision = 0.063 usec</p> <p>Apr 20 02:52:34 Natal-A kernel: tklc_e5appb_wd: module_layout: kernel tainted.</p> <p>Apr 20 02:52:34 Natal-A kernel: Disabling lock debugging due to kernel taint</p> <p>Apr 20 02:52:34 Natal-A kernel: tklc_e5appb_wd: loading, built Feb 20 2016, 04:46:41</p> <p>Apr 20 02:52:34 Natal-A kernel: tklc_e5appb_wd: create proc entry</p> <p>Apr 20 02:52:35 Natal-A kernel: tklc_e5appb_wd: Driver major id is 0</p> <p>Apr 20 02:54:21 Natal-A sudo: epapdev : TTY=unknown ; PWD=/var/TKLC/epap/logs ; USER=root ; COMMAND=/sbin/initctl stop TKLCSnmp</p> <p>Apr 20 02:54:21 Natal-A sudo: epapdev : TTY=unknown ; PWD=/var/TKLC/epap/logs ; USER=root ; COMMAND=/sbin/initctl start TKLCSnmp</p> <p>Apr 20 02:54:23 Natal-A sudo: epapdev : TTY=unknown ; PWD=/var/TKLC/epap/logs ; USER=root ; COMMAND=/sbin/initctl restart TKLCSnmp</p> <p>Apr 20 02:54:24 Natal-A init: runGsConn main process ended, respawning</p> <p>Apr 20 04:02:03 Natal-A kernel: Cypress exit</p> <p>Apr 20 04:02:04 Natal-A kernel: Cypress init</p> <p>Apr 20 10:18:08 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/bin/su -</p>
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		<pre> Apr 20 11:14:24 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/usr/TKLC/plat/bin/getPlatRev  Apr 20 11:45:47 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/sbin/clock  Apr 20 11:46:30 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/bin/date  Apr 20 11:46:34 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/sbin/clock  Apr 20 11:48:24 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/bin/date  Apr 20 11:48:24 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/sbin/clock  Apr 20 12:03:59 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/usr/bin/uptime  Apr 20 12:10:24 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/usr/TKLC/plat/bin/syscheck  Apr 20 12:14:12 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/usr/TKLC/epap/bin/manageBannerInfo -l  Apr 20 12:35:14 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/usr/bin/clear  Apr 20 12:35:19 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/sbin/vgdisplay -v  Apr 20 12:46:35 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/usr/bin/free  Apr 20 12:54:45 Natal-A sudo: admusr : TTY=pts/0 ; PWD=/home/admusr ; USER=root ; COMMAND=/bin/df -h </pre>
12. <input type="checkbox"/>	<p><b>MPS X:</b> Verify the attributes of volume groups</p> <p>If the output does not contain the “logical volume” sections, contact Oracle Support so that corrective procedures can be scheduled to be performed.</p>	<pre> [admusr@Appd01-a ~]\$ sudo vgdisplay -v --- Volume group --- VG Name          vgroot System ID Format           lvm2 Metadata Areas   1 Metadata Sequence No 66 VG Access        read/write VG Status        resizable MAX LV           0 Cur LV          11 Open LV          11 Max PV           0 Cur PV          1 </pre>

	<p>Act PV 1</p> <p>VG Size 1.74 TiB</p> <p>PE Size 4.00 MiB</p> <p>Total PE 456677</p> <p>Alloc PE / Size 431079 / 1.64 TiB</p> <p>Free PE / Size 25598 / 99.99 GiB</p> <p>VG UUID m1LYQq-XGQf-ivff-ruPs-i1qH-aPjv-63RP4n</p> <p>--- Logical volume ---</p> <p>LV Path /dev/vgroot/plat_tmp</p> <p>LV Name plat_tmp</p> <p>VG Name vgroot</p> <p>LV UUID ZMiBr8-wifR-eSHC-i2WD-bHXd-QEc3-BH0JKM</p> <p>LV Write Access read/write</p> <p>LV Creation host, time localhost.localdomain, 2026-05-12 03:21:50 - 0400</p> <p>LV Status available</p> <p># open 1</p> <p>LV Size 1.00 GiB</p> <p>Current LE 256</p> <p>Segments 1</p> <p>Allocation inherit</p> <p>Read ahead sectors auto</p> <p>- currently set to 8192</p> <p>Block device 253:3</p> <p>--- Logical volume ---</p> <p>LV Path /dev/vgroot/plat_swap</p> <p>LV Name plat_swap</p> <p>VG Name vgroot</p> <p>LV UUID x0IkMf-c791-0dJe-5pgh-1Zxm-YOuH-Qe9xcY</p> <p>LV Write Access read/write</p> <p>LV Creation host, time localhost.localdomain, 2026-05-12 03:21:53 - 0400</p> <p>LV Status available</p> <p># open 2</p> <p>LV Size 1.95 GiB</p> <p>Current LE 500</p> <p>Segments 1</p> <p>Allocation inherit</p> <p>Read ahead sectors auto</p> <p>- currently set to 8192</p>
--	---

	<pre> Block device      253:1 --- Logical volume --- LV Path           /dev/vgroot/free LV Name           free VG Name           vgroot LV UUID           oJwJVj-2ft0-s3gq-tBsc-ISPj-DUD7-R19WMX LV Write Access   read/write LV Creation host, time Appd01-a, 2026-05-12 04:06:57 -0400 LV Status         available # open            1 LV Size           &lt;889.96 GiB Current LE        227829 Segments          1 Allocation        inherit Read ahead sectors auto - currently set to 8192 Block device      253:4 --- Logical volume --- LV Path           /dev/vgroot/db LV Name           db VG Name           vgroot LV UUID           zP8fIy-AFHk-R5Ex-FkmH-H9to-YQuy-XwZ823 LV Write Access   read/write LV Creation host, time Appd01-a, 2026-05-12 04:07:13 -0400 LV Status         available # open            1 LV Size           580.32 GiB Current LE        148562 Segments          1 Allocation        inherit Read ahead sectors auto - currently set to 8192 Block device      253:5 --- Logical volume --- LV Path           /dev/vgroot/rt LV Name           rt VG Name           vgroot LV UUID           0Uyodz-Ygb8-td02-15iq-Gz5y-fgCp-2PZt11 LV Write Access   read/write </pre>
--	--

		<p>LV Creation host, time Appd01-a, 2026-05-12 04:07:24 -0400</p> <p>LV Status           available</p> <p># open               1</p> <p>LV Size             &lt;136.55 GiB</p> <p>Current LE          34956</p> <p>Segments            1</p> <p>Allocation          inherit</p> <p>Read ahead sectors  auto</p> <p>- currently set to  8192</p> <p>Block device        253:6</p> <p>--- Logical volume ---</p> <p>LV Path             /dev/vgroot/logs</p> <p>LV Name             logs</p> <p>VG Name             vgroot</p> <p>LV UUID             IpHhwn-WGxc-qyA5-LTRu-nqhW-f34x-0AeF49</p> <p>LV Write Access     read/write</p> <p>LV Creation host, time Appd01-a, 2026-05-12 04:07:31 -0400</p> <p>LV Status           available</p> <p># open               1</p> <p>LV Size             50.00 GiB</p> <p>Current LE          12800</p> <p>Segments            1</p> <p>Allocation          inherit</p> <p>Read ahead sectors  auto</p> <p>- currently set to  8192</p> <p>Block device        253:7</p> <p>--- Logical volume ---</p> <p>LV Path             /dev/vgroot/plat_root</p> <p>LV Name             plat_root</p> <p>VG Name             vgroot</p> <p>LV UUID             EqyjVV-L2sV-Nqep-Qphs-9ygE-J961-ZNltbo</p> <p>LV Write Access     read/write</p> <p>LV Creation host, time Appd01-a, 2026-05-26 03:32:22 -0400</p> <p>LV Status           available</p> <p># open               1</p> <p>LV Size             4.00 GiB</p> <p>Current LE          1024</p> <p>Segments            1</p> <p>Allocation          inherit</p>
--	--	---

		<pre> Read ahead sectors  auto - currently set to  8192 Block device        253:0 --- Logical volume --- LV Path             /dev/vgroot/plat_usr LV Name             plat_usr VG Name             vgroot LV UUID             hOV4Oh-e1Ya-RmJv-NCIR-a9YT-1AQo-xQ1JgM LV Write Access     read/write LV Creation host, time Appd01-a, 2026-05-26 03:32:23 -0400 LV Status           available # open              1 LV Size             10.00 GiB Current LE          2560 Segments            1 Allocation          inherit Read ahead sectors  auto - currently set to  8192 Block device        253:2 --- Logical volume --- LV Path             /dev/vgroot/plat_var LV Name             plat_var VG Name             vgroot LV UUID             eJz6BN-Njxn-zBdg-SbuB-Ajva-4Giu-SIBICv LV Write Access     read/write LV Creation host, time Appd01-a, 2026-05-26 03:32:23 -0400 LV Status           available # open              1 LV Size             2.00 GiB Current LE          512 Segments            1 Allocation          inherit Read ahead sectors  auto - currently set to  8192 Block device        253:8 --- Logical volume --- LV Path             /dev/vgroot/plat_var_tklc LV Name             plat_var_tklc VG Name             vgroot </pre>
--	--	--

		<pre> LV UUID          YanbO2-fBpA-a2uV-VAgI-vTCT-35SV-c7IGgJ LV Write Access  read/write LV Creation host, time Appd01-a, 2026-05-26 03:32:24 -0400 LV Status        available # open           1 LV Size          8.00 GiB Current LE       2048 Segments        1 Allocation       inherit Read ahead sectors auto - currently set to 8192 Block device     253:9 --- Logical volume --- LV Path          /dev/vgroot/var_log_audit LV Name          var_log_audit VG Name          vgroot LV UUID          LEwAal-nFgX-UcMd-HJmr-93k2-1Dx3-dWhHDw LV Write Access  read/write LV Creation host, time Appd01-a, 2026-05-26 03:32:24 -0400 LV Status        available # open           1 LV Size          128.00 MiB Current LE       32 Segments        1 Allocation       inherit Read ahead sectors auto - currently set to 8192 Block device     253:10 --- Physical volumes --- PV Name          /dev/md2 PV UUID          2qdfc-mwDk-f3DL-c6FH-gBZB-8bVW-RkgyQl PV Status        allocatable Total PE / Free PE 456677 / 25598 [admusr@Appd01-a ~]\$ </pre>
--	--	---

13. <input type="checkbox"/>	<p><b>MPS X:</b> Record the total amount of free and used physical and swap memory in the system.</p>	<pre>\$ free       total    used    free   shared  buffers   cached Mem:   8059380 2659476 5399904 539560  234092  1139488 -/+ buffers/cache: 1285896 6773484 Swap:  2064380      0  2064380</pre>
14. <input type="checkbox"/>	<p><b>MPS X:</b> Verify db filesystem use is less than 90%. Note any other filesystem at 80% or higher use. Output will vary for each server.</p>	<pre>\$ df -h Filesystem      Size  Used Avail Use% Mounted on /dev/mapper/vgroot-plat_root                 976M 285M 640M 31% / tmpfs            3.9G  0 3.9G  0% /dev/shm /dev/md1         244M  40M 192M 17% /boot /dev/mapper/vgroot-plat_tmp                 976M 2.0M 923M  1% /tmp /dev/mapper/vgroot-plat_usr                 3.9G 2.5G 1.3G 67% /usr /dev/mapper/vgroot-plat_var                 976M 145M 780M 16% /var /dev/mapper/vgroot-plat_var_tklc                 3.9G 2.1G 1.7G 56% /var/TKLC /dev/mapper/vgroot-db                 83G  51G  28G 65% /var/TKLC/epap/db /dev/mapper/vgroot-free                 141G  60M 134G  1% /var/TKLC/epap/free /dev/mapper/vgroot-logs                 20G 569M  19G  3% /var/TKLC/epap/logs /dev/mapper/vgroot-rt                 20G  45M  19G  1% /var/TKLC/epap/rt</pre>
15. <input type="checkbox"/>	<p><b>MPS X:</b> Verify disk mirroring configuration and RAID status</p>	<pre>\$ cat /proc/mdstat Personalities : [raid1] md1 : active raid1 sdb2[1] sda2[0]       262080 blocks super 1.0 [2/2] [UU]  md2 : active raid1 sdb1[1] sda1[0]       468447232 blocks super 1.1 [2/2] [UU]       bitmap: 1/4 pages [4KB], 65536KB chunk  unused devices: &lt;none&gt;</pre>
16. <input type="checkbox"/>	<p><b>MPS X:</b> Record the hard drive and partition size</p>	<pre>\$ fdisk -l /dev/sd[a-z]  Disk /dev/sda: 480.1 GB, 480103981056 bytes 255 heads, 63 sectors/track, 58369 cylinders Units = cylinders of 16065 * 512 = 8225280 bytes Sector size (logical/physical): 512 bytes / 4096 bytes</pre>

		<p>I/O size (minimum/optimal): 4096 bytes / 4096 bytes  Disk identifier: 0x000cfb5b</p> <pre> Device Boot      Start         End      Blocks   Id  System /dev/sda1          1     58336   468578304    fd  Linux raid autodetect /dev/sda2 *       58336     58369     262144    fd  Linux raid autodetect </pre> <p><b>Disk /dev/sdb:</b> 480.1 GB, 480103981056 bytes  255 heads, 63 sectors/track, 58369 cylinders  Units = cylinders of 16065 * 512 = 8225280 bytes  Sector size (logical/physical): 512 bytes / 4096 bytes  I/O size (minimum/optimal): 4096 bytes / 4096 bytes  Disk identifier: 0x000eba47</p> <pre> Device Boot      Start         End      Blocks   Id  System /dev/sdb1          1     58336   468578304    fd  Linux raid autodetect /dev/sdb2 *       58336     58369     262144    fd  Linux raid autodetect </pre> <p>Disk /dev/sdc: 4089 MB, 4089446400 bytes  256 heads, 63 sectors/track, 495 cylinders  Units = cylinders of 16128 * 512 = 8257536 bytes  Sector size (logical/physical): 512 bytes / 512 bytes  I/O size (minimum/optimal): 512 bytes / 512 bytes  Disk identifier: 0x488965c1</p>
17. <input type="checkbox"/>	<p><b>MPS X:</b>  Verify smartctl output</p>	<pre> \$ smartctl -A -l error /dev/sda smartctl 5.43 2012-06-30 r3573 [x86_64-linux-2.6.32-642.15.1.el6prere17.4.0.0_88.37.0.x86_64] (local build) Copyright (C) 2002-12 by Bruce Allen, http://smartmontools.sourceforge.net  === START OF READ SMART DATA SECTION === SMART Attributes Data Structure revision number: 1 Vendor Specific SMART Attributes with Thresholds: ID# ATTRIBUTE_NAME          FLAG     VALUE WORST THRESH TYPE      UPDATED  WHEN_FAILED RAW_VALUE   5 Reallocated_Sector_Ct     0x0032   100   100   000   Old_age  Always -         0   9 Power_On_Hours            0x0032   100   100   000   Old_age  Always -       17015  12 Power_Cycle_Count         0x0032   100   100   000   Old_age  Always -         40 </pre>

		170 Unknown_Attribute	0x0033	100	100	010	Pre-fail	Always	-	0
		171 Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	0
		172 Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	0
		174 Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	38
		175 Program_Fail_Count_Chip	0x0033	100	100	010	Pre-fail	Always	-	386979594890
		183 Runtime_Bad_Block	0x0032	100	100	000	Old_age	Always	-	0
		184 End-to-End_Error	0x0033	100	100	090	Pre-fail	Always	-	0
		187 Reported_Uncorrect	0x0032	100	100	000	Old_age	Always	-	0
		190 Airflow_Temperature_Cel	0x0022	077	068	000	Old_age	Always	-	23 (Min/Max 19/33)
		192 Power-Off_Retract_Count	0x0032	100	100	000	Old_age	Always	-	38
		194 Temperature_Celsius	0x0022	100	100	000	Old_age	Always	-	34
		197 Current_Pending_Sector	0x0032	100	100	000	Old_age	Always	-	0
		199 UDMA_CRC_Error_Count	0x003e	100	100	000	Old_age	Always	-	0
		225 Load_Cycle_Count	0x0032	100	100	000	Old_age	Always	-	1266712
		226 Load-in_Time	0x0032	100	100	000	Old_age	Always	-	3614
		227 Torq-amp_Count	0x0032	100	100	000	Old_age	Always	-	70
		228 Power-off_Retract_Count	0x0032	100	100	000	Old_age	Always	-	1020808
		232 Available_Reservd_Space	0x0033	100	100	010	Pre-fail	Always	-	0
		233 Media_Wearout_Indicator	0x0032	097	097	000	Old_age	Always	-	0
		234 Unknown_Attribute	0x0032	100	100	000	Old_age	Always	-	0
		241 Total_LBAs_Written	0x0032	100	100	000	Old_age	Always	-	1266712
		242 Total_LBAs_Read	0x0032	100	100	000	Old_age	Always	-	3024125
		SMART Error Log Version: 1								

		<p><b>No Errors Logged</b></p> <p><b>Note:</b> If any error is observed record the error and contact Oracle Support.</p>										
18. <input type="checkbox"/>	<p><b>MPS X:</b> Start Disk Integrity Check</p>	<pre>\$ smartctl -t short /dev/sda</pre> <p>smartctl 5.43 2012-06-30 r3573 [x86_64-linux-2.6.32-642.15.1.el6prere17.4.0.0.0_88.37.0.x86_64] (local build)</p> <p>Copyright (C) 2002-12 by Bruce Allen, <a href="http://smartmontools.sourceforge.net">http://smartmontools.sourceforge.net</a></p> <p>==== START OF OFFLINE IMMEDIATE AND SELF-TEST SECTION ====</p> <p>Sending command: "Execute SMART Short self-test routine immediately in off-line mode".</p> <p>Drive command "Execute SMART Short self-test routine immediately in off-line mode" successful.</p> <p>Testing has begun.</p> <p>Please wait 1 minutes for test to complete.</p> <p>Test will complete after Fri Apr 21 10:37:14 2017</p> <p>Use smartctl -X to abort test.</p>										
19. <input type="checkbox"/>	<p><b>MPS X:</b> Verify and record Disk Integrity Check results</p>	<pre>\$ sleep 60; smartctl -l selftest /dev/sda</pre> <p>smartctl 5.43 2012-06-30 r3573 [x86_64-linux-2.6.32-642.15.1.el6prere17.4.0.0.0_88.37.0.x86_64] (local build)</p> <p>Copyright (C) 2002-12 by Bruce Allen, <a href="http://smartmontools.sourceforge.net">http://smartmontools.sourceforge.net</a></p> <p>==== START OF READ SMART DATA SECTION ====</p> <p>SMART Self-test log structure revision number 1</p> <table border="1"> <thead> <tr> <th>Num</th> <th>Test_Description</th> <th>Status</th> <th>Remaining</th> <th>LifeTime(hours)</th> </tr> </thead> <tbody> <tr> <td># 1</td> <td>Short offline</td> <td>Completed without error</td> <td>00%</td> <td>17015 -</td> </tr> </tbody> </table> <p><b>Note:</b> Record if any error is reported and contact Oracle Support.</p>	Num	Test_Description	Status	Remaining	LifeTime(hours)	# 1	Short offline	Completed without error	00%	17015 -
Num	Test_Description	Status	Remaining	LifeTime(hours)								
# 1	Short offline	Completed without error	00%	17015 -								
20. <input type="checkbox"/>	<p><b>MPS X:</b> Record any hard disk sector error</p>	<pre>\$ smartctl -a /dev/sda   grep -i LBA</pre> <p>241 Total_LBAs_Written 0x0032 100 100 000 Old_age Always - 1266713</p> <p>242 Total_LBAs_Read 0x0032 100 100 000 Old_age Always - 3024305</p> <table border="1"> <thead> <tr> <th>Num</th> <th>Test_Description</th> <th>Status</th> <th>Remaining</th> <th>LifeTime(hours)</th> </tr> </thead> <tbody> <tr> <td>LBA_of_first_error</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>SPAN MIN_LBA MAX_LBA CURRENT_TEST_STATUS</p>	Num	Test_Description	Status	Remaining	LifeTime(hours)	LBA_of_first_error				
Num	Test_Description	Status	Remaining	LifeTime(hours)								
LBA_of_first_error												

		<p><b>Note:</b> No error should be observed in case any error is observed output will be like as mentioned below, record the output and contact Oracle Support</p> <p>40 51 a0 11 8e 57 e0 Error: UNC 160 sectors at LBA = 0x00578e11 = 538001</p> <p>40 51 a8 11 8e 57 e0 Error: UNC 168 sectors at LBA = 0x00578e11 = 538001</p> <p>Num Test_Description Status Remaining LifeTime(hours) LBA_of_first_error</p> <p>If UNC errors are found, execute following command: \$ smartctl -a /dev/sda</p>
21. <input type="checkbox"/>	<p><b>MPS X:</b> Disk integrity step on second HDD</p>	Repeat steps from 17 to 20 for “/dev/sdb” disk drive.
22. <input type="checkbox"/>	<p><b>MPS X:</b> Repeat the procedure for mate EPAP</p>	Repeat steps from 1 to 21 on mate EPAP server, if setup is not PDBonly .

## 4.2 System Configuration

These steps can be performed on any of the EPAP configurations as mentioned in section 2. For mated pairs, commands should be run on both of the servers.

S T E P #	Steps To Be Completed	Expected output/command to be run
1. <input type="checkbox"/>	<p><b>MPS X:</b> Login as admusr</p>	<pre>login: admusr password: &lt;admusr_password&gt;</pre>
2. <input type="checkbox"/>	<p><b>MPS X:</b> Record and verify the system configuration Select Option 1 from epapconfig menu.</p>	<pre>\$ sudo su - epapconfig  MPS Side A: hostname: devloan03  hostid: 4b0a468d Platform Version: 7.0.1-8.10.1.12.0_150.30.0 Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0 Thu Jun 18 02:43:32 EDT 2026  /----EPAP Configuration Menu-----\ /-----\   1   Display Configuration             -----    2   Configure Network Interfaces Menu    -----    3   Set Time Zone                      -----    4   Exchange Secure Shell Keys         -----    5   Change Password                    -----    6   Platform Menu                      ----- </pre>

```

| 7 | Configure NTP Server |
|-----|
| 8 | PDB Configuration Menu |
|-----|
| 9 | Security |
|-----|
| 10 | SNMP Configuration |
|-----|
| 11 | Configure Alarm Feed |
|-----|
| 12 | Configure SNMP Agent Community |
|-----|
| 13 | Mate Disaster Recovery |
|-----|
| e | Exit |
\-----/

Enter Choice: 1

MPS Side A: hostname: devloan03 hostid: 4b0a468d
Platform Version: 7.0.1-8.10.1.12.0_150.30.0
Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0
Thu Jun 18 02:43:32 EDT 2026

EPAP A Provisioning Network IP Address = 10.75.141.104
EPAP A Provisioning Network IP Address v6 = Not configured
EPAP B Provisioning Network IP Address = 10.75.141.105
EPAP B Provisioning Network IP Address v6 = Not configured
Provisioning Network Netmask = 255.255.255.0
Provisioning Network Prefix = Not configured
Provisioning Network Default Router = 10.75.141.1
Provisioning Network Default Router v6 = Not configured
EPAP A Backup Prov Network IP Address = Not configured
EPAP A Backup Prov Network IP Address v6 = Not configured
EPAP B Backup Prov Network IP Address = Not configured
EPAP B Backup Prov Network IP Address v6 = Not configured
Backup Prov Network Netmask = Not configured
Backup Prov Network Prefix v6 = Not configured
Backup Prov Network Default Router = Not configured
Backup Prov Network Default Router v6 = Not configured
EPAP A Sync Network Address = 192.168.2.100
EPAP B Sync Network Address = 192.168.2.200
EPAP A Main DSM Network Address = 192.168.120.100
EPAP B Main DSM Network Address = 192.168.120.200
EPAP A Backup DSM Network Address = 192.168.121.100
EPAP B Backup DSM Network Address = 192.168.121.200
EPAP IP Version = IPv4
EPAP A HTTP Port = 80
EPAP B HTTP Port = 80
EPAP A HTTP SuExec Port = 8001
EPAP B HTTP SuExec Port = 8001
EPAP A Banner Connection Port = 8473
EPAP B Banner Connection Port = 8473
EPAP A Static NAT Address = Not configured
EPAP B Static NAT Address = Not configured
PDBI Port = 5873
Remote MPS A Static NAT Address = Not configured
Remote MPS A HTTP Port = 80
Local PDBA Address = 10.250.54.108

```

		<pre> Local PDBA Address v6          = 0000:0000:0000:0000:0000:0000 Remote PDBA Address           = 0.0.0.0 Time Zone                     = America/New_York PDB Database                   = None - Non-provisionable Site Preferred PDB                  = 10.250.54.108 Allow updates from alternate PDB = Yes  Press return to continue... </pre>
<p>3. <input type="checkbox"/></p>	<p><b>MPS X:</b>  Record and verify the ntp configuration  Select Option 7 from epapconfig menu and then Option 1 from EPAP Configure NTP Server Menu.</p>	<pre> \$ sudo su - epapconfig  MPS Side A: hostname: devloan03  hostid: 4b0a468d Platform Version: 7.0.1-8.10.1.12.0_150.30.0 Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0 Thu Jun 18 02:43:32 EDT 2026  /-----EPAP Configuration Menu-----\ /-----\   1   Display Configuration             -----    2   Configure Network Interfaces Menu    -----    3   Set Time Zone                     -----    4   Exchange Secure Shell Keys        -----    5   Change Password                   -----    6   Platform Menu                     -----    7   Configure NTP Server               -----    8   PDB Configuration Menu            -----    9   Security                          -----   10   SNMP Configuration                 -----   11   Configure Alarm Feed               -----   12   Configure SNMP Agent Community    -----   13   Mate Disaster Recovery            -----    e   Exit                             \-----/  Enter choice: 7 Verifying connectivity with mate...  MPS Side A: hostname: devloan03  hostid: 4b0a468d Platform Version: 7.0.1-8.10.1.12.0_150.30.0 Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0 Thu Jun 18 02:43:32 EDT 2026  /-----EPAP Configure NTP Server Menu-\ /-----\   1   Display External NTP Server        -----  </pre>

		<pre>   2   Add External NTP Server    -----    3   Remove External NTP Server    -----    e   Exit   \-----/  Enter Choice: 1  Note: If external NTP servers configured, the output will be: ntpserver1 10.10.10.10 ntpserver2 20.20.20.20 Press return to continue...  Note: If no external NTP servers configured, the output will be: There are no External NTP Servers. Press return to continue... </pre>
<p>4. <input type="checkbox"/></p>	<p><b>MPS X:</b> Exit from epapconfig menu</p>	<pre> MPS Side A: hostname: devloan03 hostid: 4b0a468d Platform Version: 7.0.1-8.10.1.12.0_150.30.0 Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0 Thu Jun 18 02:43:32 EDT 2026  /-----EPAP Configure NTP Server Menu-\ /-----\   1   Display External NTP Server    -----    2   Add External NTP Server    -----    3   Remove External NTP Server    -----    e   Exit   \-----/  Enter Choice: e  MPS Side A: hostname: devloan03 hostid: 4b0a468d Platform Version: 7.0.1-8.10.1.12.0_150.30.0 Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0 Thu Jun 18 02:43:32 EDT 2026  /-----EPAP Configuration Menu-----\ /-----\   1   Display Configuration    -----    2   Configure Network Interfaces Menu    -----    3   Set Time Zone    -----    4   Exchange Secure Shell Keys    -----    5   Change Password    -----    6   Platform Menu    -----    7   Configure NTP Server    -----    8   PDB Configuration Menu    -----    9   Security   </pre>

		<pre>  ---- -----    10   SNMP Configuration    ---- -----    11   Configure Alarm Feed    ---- -----    12   Configure SNMP Agent Community    ---- -----    13   Mate Disaster Recovery    ---- -----    e   Exit   \-----/  Enter Choice: e </pre>
5. <input type="checkbox"/>	<p><b>MPS X:</b> Record /etc/hosts configuration</p>	<pre> \$ cat /etc/hosts # # Do not modify this file by hand. Refer to Oracle Configuration # documentation. # # The order of the aliases in this file is significant # to the installation process. # 127.0.0.1    localhost localhost ::1        localhost6 localhost6 192.168.120.100 dsmm-a 192.168.121.100 dsmb-a 192.168.120.200 dsmm-b 192.168.121.200 dsmb-b 192.168.2.200 mate sync-b ntppeerB hasync-1a 192.168.2.100 sync-a hasync-1b 192.168.2.201 mate-ipdptp0 server_ppp0 192.168.2.202 mate-ppp client_ppp0 192.168.2.101 Natal-A-ipdptp0 server_ppp1 192.168.2.102 Natal-A-ppp client_ppp1 192.168.1.1  Natal-A-prov-bkup 0000:0000:0000:0000:0000:ffff:c0a8:0101 Natal-A-prov-bkup 192.168.1.2  mate-prov-bkup 0000:0000:0000:0000:0000:ffff:c0a8:0102 mate-prov-bkup 192.168.2.1  switch1A 192.168.2.2  switch1B 192.168.2.3  switch1C 192.168.2.4  switch1D 10.75.141.47 Natal-A prova-ip pdba 10.75.141.48 Natal-B mate-prov provb-ip </pre>
6. <input type="checkbox"/>	<p><b>MPS X:</b> Verify and Record IPs configured on each interface</p>	<pre> \$ ifconfig -a eth01  Link encap:Ethernet HWaddr 00:00:17:0E:A6:A1        inet addr:10.75.141.47 Bcast:10.75.141.127 Mask:255.255.255.128        inet6 addr: 2606:b400:605:b917:200:17ff:fe0e:a6a1/64 Scope:Global        inet6 addr: fe80::200:17ff:fe0e:a6a1/64 Scope:Link        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1        RX packets:245677 errors:0 dropped:0 overruns:0 frame:0        TX packets:226616 errors:0 dropped:0 overruns:0 carrier:0        collisions:0 txqueuelen:1000        RX bytes:22862561 (21.8 MiB) TX bytes:34665179 (33.0 MiB)        Memory:fdee0000-fdeffff  eth02  Link encap:Ethernet HWaddr 00:00:17:0E:A6:A0        inet addr:192.168.120.100 Bcast:192.168.120.255 Mask:255.255.255.0        inet6 addr: fe80::200:17ff:fe0e:a6a0/64 Scope:Link        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 </pre>

		<pre> RX packets:309286 errors:0 dropped:0 overruns:0 frame:0 TX packets:37256 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes:27886372 (26.5 MiB) TX bytes:9283384 (8.8 MiB) Memory:fde60000-fde7ffff  eth03  Link encap:Ethernet HWaddr 00:00:17:0E:A6:9F inet6 addr: fe80::200:17ff:fe0e:a69f/64 Scope:Link UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 RX packets:358342 errors:0 dropped:0 overruns:0 frame:0 TX packets:75045 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes:35115211 (33.4 MiB) TX bytes:14585533 (13.9 MiB) Memory:fdfe0000-fdffffff  eth03.1  Link encap:Ethernet HWaddr 00:00:17:0E:A6:9F inet addr:192.168.2.100 Bcast:192.168.2.255 Mask:255.255.255.0 inet6 addr: fe80::200:17ff:fe0e:a69f/64 Scope:Link UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 RX packets:53064 errors:0 dropped:0 overruns:0 frame:0 TX packets:48451 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:0 RX bytes:6687487 (6.3 MiB) TX bytes:12384253 (11.8 MiB)  eth03.3  Link encap:Ethernet HWaddr 00:00:17:0E:A6:9F inet addr:192.168.121.100 Bcast:192.168.121.255 Mask:255.255.255.0 inet6 addr: fe80::200:17ff:fe0e:a69f/64 Scope:Link UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 RX packets:305278 errors:0 dropped:0 overruns:0 frame:0 TX packets:26424 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:0 RX bytes:23410936 (22.3 MiB) TX bytes:2183472 (2.0 MiB)  eth04  Link encap:Ethernet HWaddr 00:00:17:0E:A6:9E inet addr:192.168.1.1 Bcast:192.168.1.255 Mask:255.255.255.0 UP BROADCAST MULTICAST MTU:1500 Metric:1 RX packets:0 errors:0 dropped:0 overruns:0 frame:0 TX packets:0 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes:0 (0.0 b) TX bytes:0 (0.0 b) Memory:fdf60000-fdf7ffff  lo  Link encap:Local Loopback inet addr:127.0.0.1 Mask:255.0.0.0 inet6 addr: ::1/128 Scope:Host UP LOOPBACK RUNNING MTU:65536 Metric:1 RX packets:2198539 errors:0 dropped:0 overruns:0 frame:0 TX packets:2198539 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:0 RX bytes:191477466 (182.6 MiB) TX bytes:191477466 (182.6 MiB) </pre>
7. <input type="checkbox"/>	<b>MPS X:</b> Record EuiDB settings	<pre> \$ uīEdīτ "EPAP_B_INCR_DNLOAD_BACKUP_MCASTADDR" is set to "225.10.81.15" "LNP_ENABLED" is set to "FALSE" "EPAP_A_RTDB_DEBUG_LEVEL" is set to "50" "EPAP_B_GS_BANNER_PORT" is set to "8473" "EPAP_A_HSDOWNLOAD" is set to "OFF" "EPAP_A_GS_BANNER_PORT" is set to "8473" "PDBA_STATS_ENABLED" is set to "OFF" "EPAP_DATA_SPLIT" is set to "OFF" </pre>

		<p>"max_passwd_age" is set to "180"</p> <p>"new_user_default_groups" is set to "readonly"</p> <p>"max_concurrent_user_logins" is set to "1"</p> <p>"max_concurrent_logins" is set to "20"</p> <p>"PROVISIONABLE_MPS" is set to "YES"</p> <p>"PDBA_LOCAL_NAME_V6" is set to "0000:0000:0000:0000:0000:0000:0000:0000"</p> <p>"passwd_expiry_warn_days" is set to "7"</p> <p>"HTTP_ENABLED" is set to "No"</p> <p>"SNMP_ALARM_FEED" is set to "ON"</p> <p>"session_idle_timeout" is set to "10"</p> <p>"EPAP_A_STANDBY" is set to "FALSE"</p> <p>"EPAP_BINLOGS_THRESHOLD" is set to "80"</p> <p>"DSM_MIN_MEM_SIZE" is set to "3235"</p> <p>"SLOG_CAPACITY_ALARMS_ENABLED" is set to "TRUE"</p> <p>"EPAP_B_FULL_DNLOAD_BACKUP_MCASTADDR" is set to "225.10.81.17"</p> <p>"EPAP_A_NAME" is set to "Natal-A"</p> <p>"EPAP_B_PROV_NETWORK_IP_ADDRESS" is set to "10.75.141.48"</p> <p>"EPAP_B_SLOG" is set to "YES"</p> <p>"EPAP_B_STANDBY" is set to "FALSE"</p> <p>"MAX_RECORD_DELAY" is set to "15"</p> <p>"PDBA_IMSI_PREFIX" is set to ""</p> <p>"EPAP_A_MAINT_DEBUG_LEVEL" is set to "0"</p> <p>"EPAP_STATUS_B" is set to "ACTIVE"</p> <p>"logon_msg" is set to "NOTICE: This is a private computer system. Unauthorized access or use may lead to prosecution."</p> <p>"SELF_HEAL_DN_FEATURE" is set to "OFF"</p> <p>"EPAP_B_SUEXEC_HTTP_PORT" is set to "8001"</p> <p>"EPAP_A_DSM_MAIN_NETWORK_ADDRESS" is set to "192.168.120.100"</p> <p>"EPAP_QS_ALARMS_ENABLED" is set to "ON"</p> <p>"EPAP_B_INCR_DNLOAD_MAIN_MCASTADDR" is set to "225.10.80.14"</p> <p>"PDB_RTDB_SYNC" is set to "YES"</p> <p>"EPAP_B_MAINT_DEBUG_LEVEL" is set to "0"</p> <p>"PROVISIONING_NETWORK_NETMASK" is set to "255.255.255.128"</p> <p>"EPAP_A_SLOG" is set to "YES"</p> <p>"EPAP_B_HTTP_PORT" is set to "80"</p> <p>"PDBA_ERROR_LOG_DEBUG_LEVEL" is set to "20"</p> <p>"EPAP_A_SIMPLEX_MODE" is set to "FALSE"</p> <p>"EPAP_A_TOPNODE_MAIN_MCASTADDR" is set to "225.10.80.18"</p> <p>"EPAP_A_PROV_NETWORK_IP_ADDRESS" is set to "10.75.141.47"</p> <p>"PDBA_REMOTE_B_NAME" is set to "0.0.0.0"</p> <p>"EPAP_IP_VERSION" is set to "IPv4"</p> <p>"EPAP_STATUS_A" is set to "UP"</p> <p>"euidb_version" is set to "3"</p> <p>"PDB_CAP_LIMIT_ENABLED" is set to "OFF"</p> <p>"EPAP_B_SUEXEC_HTTPS_PORT" is set to "8002"</p> <p>"EPAP_A_HTTP_PORT" is set to "80"</p> <p>"EPAP_A_DSM_BACKUP_NETWORK_ADDRESS" is set to "192.168.121.100"</p> <p>"UI_IP_AUTHORIZATION_ENABLED" is set to "FALSE"</p> <p>"EPAP_B_NAME" is set to "Natal-B"</p> <p>"EPAP_B_HSAUDIT" is set to "ON"</p> <p>"PDBA_MAX_COMMAND_RECORDS" is set to "1000000"</p> <p>"EPAP_A_INCR_DNLOAD_BACKUP_MCASTADDR" is set to "225.10.81.11"</p> <p>"EPAP_A_SYNCH_NETWORK_ADDRESS" is set to "192.168.2.100"</p> <p>"apache_403_error_message" is set to "NOTICE: This workstation is not authorized to access the GUI."</p> <p>"EPAP_A_SUEXEC_HTTP_PORT" is set to "8001"</p>
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		<p>"EPAP_B_SYNCH_NETWORK_ADDRESS" is set to "192.168.2.200"  "EPAP_B_HSDOWNLOAD" is set to "OFF"  "min_passwd_len" is set to "8"  "max_account_inactivity" is set to "0"  "EAGLE_ALARM_FEED" is set to "ON"  "EPAP_A_RTDB_AUDIT" is set to "ON"  "PDBA_GPORT_INSTALLED" is set to "FALSE"  "EPAP_RELEASE" is set to "0.593"  "MATE_MPS_HTTPS_PORT" is set to "443"  "PDBA_REMOTE_NAME" is set to "0.0.0.0"  "PDBA_DEBUG_LOG_DEBUG_LEVEL" is set to "20"  "EPAP_A_SUEXEC_HTTPS_PORT" is set to "8002"  "EPAP_QS_THRESHOLD" is set to "200"  "EPAP_A_HSAUDIT" is set to "ON"  "EPAP_A_HTTPS_PORT" is set to "443"  "PDBA_DN_PREFIX" is set to ""  "EPAP_A_TOPNODE_BACKUP_MCASTADDR" is set to "225.10.81.19"  "PDBA_GFLEX_INSTALLED" is set to "FALSE"  "EPAP_A_FULL_DNLOAD_BACKUP_MCASTADDR" is set to "225.10.81.13"  "PROVISIONING_NETWORK_PREFIX_V6" is set to ""  "MATE_MPS_HTTP_PORT" is set to "80"  "EPAP_B_TOPNODE_MAIN_MCASTADDR" is set to "225.10.80.20"  "PDBI_PORT" is set to "5873"  "passwd_reuse_limit" is set to "5"  "RTDB_CLIENT_DB_DIFF" is set to "10000"  "apache_403_error_message_default" is set to "NOTICE: This workstation is not authorized to access the GUI."  "EPAP_B_SIMPLEX_MODE" is set to "FALSE"  "PDBA_INP_INSTALLED" is set to "FALSE"  "ALTERNATE_PDBA_ALLOWED" is set to "YES"  "EPAP_B_RTDB_DEBUG_LEVEL" is set to "50"  "HTTPS_ENABLED" is set to "Yes"  "EPAP_A_INCR_DNLOAD_MAIN_MCASTADDR" is set to "225.10.80.10"  "EPAP_B_FULL_DNLOAD_MAIN_MCASTADDR" is set to "225.10.80.16"  "EPAP_B_TOPNODE_BACKUP_MCASTADDR" is set to "225.10.81.21"  "EIR_BLK_EXPANSION_100K" is set to "OFF"  "PROVISIONING_NETWORK_DEFAULT_ROUTER" is set to "10.75.141.1"  "RTDB_HOMING_POLICY" is set to "PDBA_LOCAL_NAME"  "PDBA_MAX_COMMAND_DELAY" is set to "-1"  "EPAP_B_RTDB_AUDIT" is set to "ON"  "PDBA_LOCAL_NAME" is set to "10.75.141.47"  "PDBA_COMMAND_LOG_DEBUG_LEVEL" is set to "20"  "EPAP_B_DSM_MAIN_NETWORK_ADDRESS" is set to "192.168.120.200"  "EPAP_B_DSM_BACKUP_NETWORK_ADDRESS" is set to "192.168.121.200"  "EPAP_B_HTTPS_PORT" is set to "443"  "EPAP_A_FULL_DNLOAD_MAIN_MCASTADDR" is set to "225.10.80.12"  "DN_BLK_EXPANSION_200K" is set to "OFF"  "max_failed_logins" is set to "3"  "PDB_SUB_CAPACITY" is set to "255000000"</p>
8. <input type="checkbox"/>	<p><b>MPS X:</b>  Verify the DB structure</p>	<pre>\$ uīEdit   grep PROVISIONABLE "PROVISIONABLE_MPS" is set to <b>"YES"</b> If provisionable_mps is set to yes then verify PDB database structure else skip this step from non-prov setups.  \$ grep ibdata /etc/my.cnf innodb_data_file_path = ibdata1:2G;ibdata2:2G;ibdata3:2G;ibdata4:2G;ibdata5:2G;ibdata6:2G;ibdata7:2G;</pre>

		ibdata8:2G;ibdata9:2G;ibdata10:2G;ibdata11:2G;ibdata12:2G;ibdata13:2G;ibdata14:2G;ibdata15:2G;ibdata16:2G;ibdata17:2G;ibdata18:2G;ibdata19:2G;ibdata20:2G;ibdata21:2G;ibdata22:2G;ibdata23:2G;ibdata24:2G;ibdata25:2G;ibdata26:2G;ibdata27:2G;ibdata28:2G;ibdata29:2G;ibdata30:2G;ibdata31:2G;ibdata32:2G;ibdata33:2G;ibdata34:2G;ibdata35:2G;ibdata36:2G;ibdata37:2G;ibdata38:2G;ibdata39:2G;ibdata40:2G;ibdata41:2G;ibdata42:2G;ibdata43:2G;ibdata44:2G;ibdata45:2G;ibdata46:2G;ibdata47:2G;ibdata48:2G;ibdata49:2G;ibdata50:2G NOTE: If Disk size is 480G there should be 50 ibdata files If Disk size is 300G there should be 25 ibdata files
9. <input type="checkbox"/>	<b>MPS X:</b> Verify ibdata files: Number of ibdata files in output of pdbInfo should match the output of above step	<pre>\$ pdbInfo backupdate:1497872303 birthdate:1244822987 datafiles:ibdata1:2G,ibdata2:2G,ibdata3:2G,ibdata4:2G,ibdata5:2G,ibdata6:2G,ibdata7:2G,ibdata8:2G,ibdata9:2G,ibdata10:2G,ibdata11:2G,ibdata12:2G,ibdata13:2G,ibdata14:2G,ibdata15:2G,ibdata16:2G,ibdata17:2G,ibdata18:2G,ibdata19:2G,ibdata20:2G,ibdata21:2G,ibdata22:2G,ibdata23:2G,ibdata24:2G,ibdata25:2G,ibdata26:2G,ibdata27:2G,ibdata28:2G,ibdata29:2G,ibdata30:2G,ibdata31:2G,ibdata32:2G,ibdata33:2G,ibdata34:2G,ibdata35:2G,ibdata36:2G,ibdata37:2G,ibdata38:2G,ibdata39:2G,ibdata40:2G,ibdata41:2G,ibdata42:2G,ibdata43:2G,ibdata44:2G,ibdata45:2G,ibdata46:2G,ibdata47:2G,ibdata48:2G,ibdata49:2G,ibdata50:2G</pre>
10. <input type="checkbox"/>	<b>MPS X:</b> Verify operational status of EPAP software	<pre>\$ systemctl status Epap ~ /etc/init.d/Epap status ~ ----- process maint is running. process prov is running. process provRcvr is running. process provRMTP is running. process rtdb is running. process topnode is running. process eirlog is running. process eaglelog is running. process epapsmdbmnr is running. process epapSnmAgent is running. process epapSnmAL is running. process epapSnmHBS is running. ----- EPAP application is running.</pre>
11. <input type="checkbox"/>	<b>MPS X:</b> Verify operational status of PDBA software	<pre>\$ uiEdit   grep PROVISIONABLE "PROVISIONABLE_MPS" is set to "YES" If provisionable_mps is set to yes then verify PDBA status  \$ sudo systemctl status Pdba ~ /etc/init.d/Pdba status ~ PDBA application is running.</pre>
12. <input type="checkbox"/>	<b>MPS X:</b> Verify HA status	<pre>\$ hastatus; ssh mate hastatus Note:If Proxy feature is disabled: UNINITIALIZED UNINITIALIZED  Note: If Proxy feature is enabled, one server Active and one server Standby: ACTIVE STANDBY</pre>

<p>13. <input type="checkbox"/></p>	<p><b>MPS X:</b> Record cron file configuration</p>	<pre>\$ cat /etc/cron.d/TS.EXAP # # Task Scheduler cron file for EXAP # # WARNING: This file is automatically generated. Do not manually edit it. #  SHELL=/bin/bash MAILTO=""  # BEGTYP=EXAPCORE # ID=PIC, Action="/usr/TKLC/epap/bin/pdbiImportCheck", Sched="minutely,5" */5 * * * * epapdev /usr/TKLC/epap/bin/pdbiImportCheck # ID=EFTP, Action="/usr/TKLC/epap/bin/eirSftp.pl", Sched="minutely,5" */5 * * * * epapdev /usr/TKLC/epap/bin/eirSftp.pl # ID=EFM, Action="/usr/TKLC/epap/bin/eirFileMgr.sh", Sched="hourly,1,10" 10 * * * * epapdev /usr/TKLC/epap/bin/eirFileMgr.sh # ID=PBL, Action="/usr/TKLC/appl/bin/pruneBinaryLogs", Sched="minutely,10" */10 * * * * epapdev /usr/TKLC/appl/bin/pruneBinaryLogs # ID=PDSH, Action="/usr/TKLC/appl/bin/pdbiSsh.pl", Sched="minutely,5" */5 * * * * epapdev /usr/TKLC/appl/bin/pdbiSsh.pl # ID=MONBAN, Action="/usr/TKLC/appl/bin/monitorBanner.pl", Sched="hourly,1,15" 15 * * * * epapdev /usr/TKLC/appl/bin/monitorBanner.pl # ID=RTDBCS, Action="/usr/TKLC/appl/bin/getRTDBClientStatus.pl", Sched="minutely,15" */15 * * * * epapdev /usr/TKLC/appl/bin/getRTDBClientStatus.pl # ENDTYPE  # BEGTYP=AUTO_ON_NON_PROV # ID=AONP, Action="/usr/TKLC/epap/bin/autoBackupNonProv", Sched="minutely,5" */5 * * * * epapdev /usr/TKLC/epap/bin/autoBackupNonProv # ENDTYPE</pre>
<p>14. <input type="checkbox"/></p>	<p><b>MPS X:</b> Record /etc/passwd file</p>	<pre>\$ cat /etc/passwd root:x:0:0:root:/root:/bin/bash bin:x:1:1:bin:/bin:/sbin/nologin daemon:x:2:2:daemon:/sbin:/sbin/nologin adm:x:3:4:adm:/var/adm:/sbin/nologin lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin sync:x:5:0:sync:/sbin:/bin/sync shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown halt:x:7:0:halt:/sbin:/sbin/halt mail:x:8:12:mail:/var/spool/mail:/sbin/nologin uucp:x:10:14:uucp:/var/spool/uucp:/sbin/nologin operator:x:11:0:operator:/root:/sbin/nologin games:x:12:100:games:/usr/games:/sbin/nologin gopher:x:13:30:gopher:/var/gopher:/sbin/nologin ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin nobody:x:99:99:Nobody:/:/sbin/nologin dbus:x:81:81:System message bus:/:/sbin/nologin rpc:x:32:32:Rpcbind Daemon:/var/cache/rpcbind:/sbin/nologin admusr:x:4996:4996:Platform remote admin user:/home/admusr:/bin/bash nscd:x:28:28:NSCD Daemon:/:/sbin/nologin vcsa:x:69:69:virtual console memory owner:/dev:/sbin/nologin apache:x:48:48:Apache:/var/www:/sbin/nologin</pre>

		<pre> sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin ntp:x:38:38::/etc/ntp:/sbin/nologin sasauth:x:499:76:Sasauthd user:/var/empty/sasauth:/sbin/nologin postfix:x:89:89::/var/spool/postfix:/sbin/nologin platcfg:x:5000:5000:Platform Configuration User:/home/platcfg:/usr/TKLC/plat/bin/platcfg tpdProvd:x:5010:5010:TPD Provisioning Daemon:/home/tpdProvd:/usr/bin/false syscheck:x:71:71:System Health Check User:/home/syscheck:/bin/false hids:x:4995:4995:HIDS admin user:/home/hids:/sbin/nologin dhcpcd:x:177:177:DHCP server:/:/sbin/nologin nslcd:x:65:55:LDAP Client User:/:/sbin/nologin rtkit:x:498:450:RealtimeKit:/proc:/sbin/nologin rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin nfsnobody:x:65534:65534:Anonymous NFS User:/var/lib/nfs:/sbin/nologin named:x:25:25:Named:/var/named:/sbin/nologin tcpdump:x:72:72:::/sbin/nologin mysql:x:27:27:MySQL Server:/var/TKLC/epap/db:/bin/false epapdev:x:3000:6001:epapdev user:/home/epapall:/bin/bash epapconfig:x:3002:6001:epapconfig user:/home/epapconfig:/home/epapconfig/runrunUI appuser:x:3004:6002:appuser user for viewing log files from the GUI:/var/TKLC/epap/logs:/bin/rbash epapssh:x:3006:6001:epapssh user:/home/epapssh:/sbin/nologin </pre>
15. <input type="checkbox"/>	<p><b>MPS X:</b> Backup the EuiDB</p>	<pre> \$ sudo su - epapconfig  MPS Side A: hostname: devloan03  hostid: 4b0a468d Platform Version: 7.0.1-8.10.1.12.0_150.30.0 Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0 Thu Jun 18 02:43:32 EDT 2026 /-----EPAP Configuration Menu-----\ /-----\   1   Display Configuration    -----    2   Configure Network Interfaces Menu    -----    3   Set Time Zone    -----    4   Exchange Secure Shell Keys    -----    5   Change Password    -----    6   Platform Menu    -----    7   Configure NTP Server    -----    8   PDB Configuration Menu    -----    9   Security    -----    10   SNMP Configuration    -----    11   Configure Alarm Feed    -----    12   Configure Query Server    -----    13   Configure Query Server Alarm Feed    -----    14   Configure SNMP Agent Community   </pre>

		<pre>  -----    15   Mate Disaster Recovery    -----    e   Exit   \-----/  Enter Choice: 6  MPS Side A: hostname: devloan03 hostid: 4b0a468d Platform Version: 7.0.1-8.10.1.12.0_150.30.0 Software Version: EPAP 180.0.6-18.0.0.0.0_180.6.0 Thu Jun 18 02:43:32 EDT 2026  /----EPAP Platform Menu-\ /-----\   1   Initiate Upgrade    -----    2   Reboot MPS    -----    3   MySQL Backup    -----    4   RTDB Backup    -----    5   PDB Backup    -----    e   Exit   \-----/  Enter Choice: 3  Are you sure you want to back up the MySQL database on MPS A? [N]: Y  Backing up the NPDB... NPDB Backed up Successfully to /var/TKLC/appl/free/npdbBackup_Natal- A_20170424114817.sql.gz </pre>
16. <input type="checkbox"/>	<b>MPS X:</b> Verify backups are being taken properly	<pre> \$ ls -lrt /var/TKLC/epap/free/ -rw-rw-rw- 1 epapdev epap 6654607810 Apr 4 09:44 rtdbBackup_Arica- A_20170404094143_v5.295.bkp.tar.gz  RTDB and PDB backup should be present in the directory </pre>
17. <input type="checkbox"/>	<b>MPS X:</b> Gather application log files	<pre> \$ sudo saveLogs -all Logs will be save in /var/TKLC/epap/free/ directory \$ ls -lrt /var/TKLC/epap/free/ -rw-r--r-- 1 epapdev epap 2934521 Apr 24 12:00 logsCapture_Natal- A_20170424115945.tar.bz2 </pre>
18. <input type="checkbox"/>	<b>MPS X:</b> Gather system log files	<pre> \$ sudo /usr/TKLC/plat/sbin/saveLogs_plat Logs will be save in /tmp directory /tmp/saveLogs_plat.Natal-A.10689.tar.bz2 </pre>
19. <input type="checkbox"/>	<b>MPS X:</b> Verify DB status	<pre> \$ sudo dbstattool DBSTATTOOL Platform=EPAP ----- pdb birthdate          = 1244822987 (Fri Jun 12 12:09:47 2009) pdb_level              = 88341800 rtdb_pdb_birthdate     = 1244822987 (Fri Jun 12 12:09:47 2009) rtdb begin dsm level   = 88341800 </pre>

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rtdb_end_dsm_level = 88341800
rtdb_dsm_birthdate = 1449378182 (Sun Dec 6 00:03:02 2015)
rtdb_dsm_status = 1
rtdb_load_state = 3
eagle_fmt_pdb_birthdate = 3381736696 (eagle format - be careful!)
eagle_fmt_rtdb_pdb_birthdate = 929156114 (eagle format - be careful!)
eagle_fmt_rtdb_dsm_birthdate = 1627424287 (eagle format - be careful!)
pdba_last_upd_ipaddr = 0
pdba_last_upd_timestamp = 0 (Wed Dec 31 19:00:00 1969)
dbstattool_pad1 = 0
dbstattool_pad2 = 0
dbstattool_pad3 = 0
dbstattool_pad4 = 0
dbstattool_timestamp = 0 (Wed Dec 31 19:00:00 1969)
rtdb_version = 0

```

**Note:** Record RTDB and PDBA database levels. If they are not the same call Oracle Support.

20.

**MPS X:**  
 Verify RTDB status from GUI  
 From GUI select "RTDB->View RTDB status"  
 Verify RTDB and PDB Level are same and DB status is Coherent

The screenshot displays the RTDB Status GUI. It is divided into several sections:

- Local RTDB Status:** Shows DB Status as Coherent, RTDB Level as 88341800, and PDB Level as 88341800. It also includes counts for IMSI, DN, DN Blocks, NE, and ASD, as well as table counts and database size.
- Mate RTDB Status:** Shows identical information to the Local RTDB Status section.
- RTDB Configuration:** Shows Homing Policy as Prefer PDBA @ 10.75.141.35 (PDBA\_LOCAL\_NAME), Alternate allowed, and Min/Max DB Size as 14336 MB.
- PDBA@10.75.141.35 Status:** Shows Status as ACTIVE, Level as 88341800, and Birthdate as 06/12/2009 16:09:47 GMT.

21.

**MPS X:**  
 Verify DMS DB levels matched and DB status is coherent on all STP cards  
 From EPAP GUI Expand PDBA Menu -> Expand DSM Info and select PDBA DSM List

The screenshot displays the PDBA DSM Info List GUI. It features a search interface with the following elements:

- CLLI filter:** An empty text input field.
- Card Loc filter:** An empty text input field.
- Status filter:** A dropdown menu currently set to "All status".
- Get List:** A button to retrieve the list of DSMs.

At the bottom of the screen, there is a timestamp: Tue Apr 11 23 2017 09:14:12 EDT.



		<p>USB BKP - - - - -</p> <p>CARD/APPL LOC C T LEVEL TIME LAST UPDATE EXCEPTION</p> <p>-----</p> <p>DEIRHC 3215 Y N 999485 17-04-25 14:22:42 -</p> <p>DEIRHC 3217 Y N 999485 17-04-25 14:22:42 -</p> <p>DEIRHC 3315 Y N 999485 17-04-25 14:22:42 -</p> <p>DEIRHC 3317 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 4107 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 4111 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 4207 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 4211 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 4305 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 5105 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 5215 Y N 999485 17-04-25 14:22:42 -</p> <p>SIPHC 5217 Y N 999485 17-04-25 14:22:42 -</p> <p>EPAP A ( ACTV )</p> <p>C BIRTHDATE LEVEL EXCEPTION</p> <p>-----</p> <p>PDB 12-01-20 18:14:18 88341800 -</p> <p>RTDB Y 09-06-12 12:09:46 88341800 -</p> <p>RTDB-EAGLE 15-12-06 00:03:02 88341800 -</p> <p>EPAP B ( STDBY )</p> <p>C BIRTHDATE LEVEL EXCEPTION</p> <p>-----</p> <p>PDB 00-00-00 00:00:00 0 -</p> <p>RTDB Y 00-00-00 00:00:00 0 -</p> <p>RTDB-EAGLE 00-00-00 00:00:00 0 -</p> <p>EAGLE RTDB REPORT</p>
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		<table border="1"> <thead> <tr> <th>CARD/APPL</th> <th>LOC</th> <th>C</th> <th>BIRTHDATE</th> <th>LEVEL</th> <th>EXCEPTION</th> <th>IN-SRVC</th> </tr> </thead> <tbody> <tr><td>DEIRHC</td><td>3315</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 6h 46m</td></tr> <tr><td>DEIRHC</td><td>3317</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 6h 46m</td></tr> <tr><td>VSCCP</td><td>4101</td><td>Y</td><td>17-04-10 13:12:28</td><td>0</td><td>-</td><td>0d 0h 11m</td></tr> <tr><td>SIPHC</td><td>4107</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> <tr><td>SIPHC</td><td>4111</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> <tr><td>SIPHC</td><td>4207</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> <tr><td>SIPHC</td><td>4211</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> <tr><td>SIPHC</td><td>4305</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> <tr><td>SIPHC</td><td>5105</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> <tr><td>SIPHC</td><td>5215</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> <tr><td>SIPHC</td><td>5217</td><td>Y</td><td>15-12-06 00:03:02</td><td>88341800</td><td>-</td><td>0d 3h 16m</td></tr> </tbody> </table>	CARD/APPL	LOC	C	BIRTHDATE	LEVEL	EXCEPTION	IN-SRVC	DEIRHC	3315	Y	15-12-06 00:03:02	88341800	-	0d 6h 46m	DEIRHC	3317	Y	15-12-06 00:03:02	88341800	-	0d 6h 46m	VSCCP	4101	Y	17-04-10 13:12:28	0	-	0d 0h 11m	SIPHC	4107	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m	SIPHC	4111	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m	SIPHC	4207	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m	SIPHC	4211	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m	SIPHC	4305	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m	SIPHC	5105	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m	SIPHC	5215	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m	SIPHC	5217	Y	15-12-06 00:03:02	88341800	-	0d 3h 16m
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23. <input type="checkbox"/>	<p><b>MPS X:</b> Verify alarms present on STP cards</p>	<p>Run following command on EAGLE to check alarms rept-stat-alm Command Accepted - Processing</p> <p>tklc9010801 17-04-25 14:50:08 EST EAGLE 46.5.0.0.0-70.29.0</p> <p>rept-stat-alm</p> <p>Command entered at terminal #2.</p> <p>;</p> <p>tklc9010801 17-04-25 14:50:09 EST EAGLE 46.5.0.0.0-70.29.0</p> <p>ALARM TRANSFER= RMC</p> <p>ALARM MODE CRIT= AUDIBLE MAJR= AUDIBLE MINR= AUDIBLE</p> <table border="1"> <tbody> <tr><td>ALARM FRAME 1</td><td>CRIT= 136</td><td>MAJR= 916</td><td>MINR= 18</td></tr> <tr><td>ALARM FRAME 2</td><td>CRIT= 0</td><td>MAJR= 136</td><td>MINR= 1</td></tr> <tr><td>ALARM FRAME 3</td><td>CRIT= 4</td><td>MAJR= 217</td><td>MINR= 1</td></tr> <tr><td>ALARM FRAME 4</td><td>CRIT= 0</td><td>MAJR= 181</td><td>MINR= 4</td></tr> <tr><td>ALARM FRAME 5</td><td>CRIT= 0</td><td>MAJR= 58</td><td>MINR= 5</td></tr> <tr><td>ALARM FRAME 6</td><td>CRIT= 0</td><td>MAJR= 15</td><td>MINR= 5</td></tr> <tr><td>PERM. INH. ALARMS</td><td>CRIT= 0</td><td>MAJR= 0</td><td>MINR= 0</td></tr> <tr><td>TEMP. INH. ALARMS</td><td>CRIT= 0</td><td>MAJR= 0</td><td>MINR= 0</td></tr> </tbody> </table>	ALARM FRAME 1	CRIT= 136	MAJR= 916	MINR= 18	ALARM FRAME 2	CRIT= 0	MAJR= 136	MINR= 1	ALARM FRAME 3	CRIT= 4	MAJR= 217	MINR= 1	ALARM FRAME 4	CRIT= 0	MAJR= 181	MINR= 4	ALARM FRAME 5	CRIT= 0	MAJR= 58	MINR= 5	ALARM FRAME 6	CRIT= 0	MAJR= 15	MINR= 5	PERM. INH. ALARMS	CRIT= 0	MAJR= 0	MINR= 0	TEMP. INH. ALARMS	CRIT= 0	MAJR= 0	MINR= 0																																																				
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		TIMED INH. ALARMS CRIT= 0 MAJR= 0 MINR= 0
		ACTIVE ALARMS CRIT= 140 MAJR=1523 MINR= 34
		TOTAL ALARMS CRIT= 140 MAJR=1523 MINR= 34
		Command Completed.