**Database Host Access:**

A READ-ONLY OS user, ORARO has been created on all the Oracle DB hosts. This user is part of NON-ORAINSTALL group. It can be used to perform most of the read only operations on the database host. It works as below:  
a. Each DBA has a login id i.e. LDAP username and password on management server, uklvipums01a.gdc/ uklvipums01b.gdc  
b. After successful login to mgmt. server, use the wrapper ussh to password less ssh to the required Oracle DB server.  
c. Perform read only operations on DB server.  
All the operations performed by ORARO are audited and can be tracked to individual login ids. The audit logs are not accessible to DBA team and owned by root.

**ORARO Operations Manual:**

**Below read only operations can be executed by oraro user with sudo command.**

1)   Iotop

2)   Top

3)   Strace

4)   View all the files owned by oracle and Grid user.

5)   List all the files owned by oracle and Grid user.

6)   Srvctl

7)   Crsctl

oraro command options

=====================  
asmcmd                          --> asmcmd options menu  
dgmgrl                           --> dataguard status  
lsnrctl status/services     --> lsnrctl status/services  
tail < filename>              --> unix tail -100f command  
ls <filename>                 --> unix ls -ltr command  
more <filename>            --> unix more command  
du <options>                 --> unix du command  
smail                               --> health check script  
agent status/upload/clearstate --> oem agent commands  
lsinventory <detail>        --> lsinventory <detail>  
querydb                           --> query db  
showparam <DB Parameter Name> --> show parameter  
ggsci                                 --> OGG - ggsci options menu  
lstrace                               --> List DB trace files  
tracepath                          --> Display DB trace path  
backupreport                    --> List backup information of databases running on the server  
sqlplus <tnsname>           --> Connects to database as READ ONLY user thru sqlplus utility. <tnsname> can be database or instance name  
oraro                                 --> show this message

**Login Mechanism:**

Using username "a1489917@uklvipums01a".  
+======================================================================+  
| BALABIT GATEWAY AUTHENTICATION REQUIRED |  
+----------------------------------------------------------------------+  
| Please authenticate with the gateway using your own individual |  
| Peoplesoft / LAN ID credentials. Do not authenticate using server |  
| login credentials. |  
| Server login credentials will be requested once you have |  
| authenticated yourself. |  
+======================================================================+

SSH server: Gateway authentication and authorization  
Using keyboard-interactive authentication.  
Please specify the requested information  
Gateway username: 1489917  
Gateway password:

#########################################################################  
# This computer system, its network and data contained therein #  
# is the property of the Standard Chartered Group. Access to #  
# this computer and network is restricted to persons and programs #  
# authorised by the Group only. #  
# #  
# Access by others is prohibited and unauthorised, and is wrongful #  
# under law. Do not proceed if you are not authorised. Any #  
# unauthorised access will be prosecuted to the fullest extent of #  
# the law. #  
#########################################################################

Access denied  
a1489917@uklvipums01a@[sam.uk](http://sam.uk/)'s password:  
Last login: Wed Jul 1 08:54:35 2020 from [ukxpapsam02a.gdc.standardchartered.com](http://ukxpapsam02a.gdc.standardchartered.com/)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
PROJECT STATUS - PRODUCTION  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
Project Title : Unix Management Server  
System Admin :  
TSS Project Manager :  
SD Project Manager :  
Model : VMware Virtual Platform

a1489917@uklvipums01a[PRD][~] $ ussh oraro@hklpdpdas21a  
Logfile: /apps/umslog/oraro/20200702/hklpdpdas21a-a1489917-NO\_REMEDY-8098-1593661021  
Last login: Thu Jul 2 07:08:59 2020 from [scbconnect.gdc.standardchartered.com](http://scbconnect.gdc.standardchartered.com/)  
SCB Build Signature RHEL6-U8-x86\_64  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
PROJECT STATUS - PRODUCTION  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
Project Title : PROD - GDCE DaaS 2.0  
System Admin : ISO-Supp-MM-Unix-GBL  
TSS Project Manager : McMurtrey Jr, Frank  
SD Project Manager :  
Model : PowerEdge R730

oraro command options  
=====================  
asmcmd --> asmcmd options menu  
dgmgrl --> dataguard status  
lsnrctl status/services --> lsnrctl status/services  
view <filename> --> unix view command (read only)  
tail <filename> --> unix tail -100f command  
ls <filename> --> unix ls -ltr command  
more <filename> --> unix more command  
du <options> --> unix du command  
smail --> health check script  
agent status/upload/clearstate --> oem agent commands  
lsinventory <detail> --> lsinventory <detail>  
querydb --> query db  
showparam <DB Parameter Name> --> show parameter  
ggsci --> OGG - ggsci options menu  
lstrace --> List DB trace files  
tracepath --> Display DB trace path  
backupreport --> List backup information of databases running on the server  
sqlplus <tnsname> --> Connects to database as READ ONLY user thru sqlplus utility. <tnsname> can be database or instance name  
oraro --> show this message

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oraro@hklpdpdas21a[~] $