

How to Generate iLOM Snapshot on Infiniband Switches (Doc ID 1594992.1)

APPLIES TO:

Oracle Virtual Compute Appliance X3-2 Hardware - Version All Versions and later
Big Data Appliance Hardware - Version All Versions and later
Sun Datacenter InfiniBand Switch 36 - Version All Versions and later
Exalogic Elastic Cloud X4-2 Full Rack - Version X4 to X4 [Release X4]
Exalogic Elastic Cloud X4-2 Hardware - Version X4 and later
Information in this document applies to any platform.

GOAL

Exadata IB NM2 36Port Switches contain an iLOM Daemon that runs within the IB host as opposed to the separate iLOM chipset available on DB and Cell Storage nodes.

When you connect to the iLOM on IB Switches it relies on the iLOM daemon running and you do this as the ilom-admin user.

By Default the iLOM daemon will be running, if for some reason it is not then you'll need to start this as the root user.

SOLUTION

Confirm ILOM daemon on IB is up

```
[root@exasw-ib2 ~]# service ilom status  
ILOM stack stopped
```

If its down start it

```
[root@exasw-ib2 ~]# service ilom start  
Stopping any already executing ILOM daemons  
Starting event manager  
Starting log manager  
Starting ILOM IPMI stack  
Started ILOM IPMI stack  
Starting lumain  
Starting luproxy  
Starting ealertd  
Starting web server  
Starting SNMP
```

```
[root@exasw-ib2 ~]# service ilom status
ILOM stack running
```

By default the ilom daemon should always be running.
Lets now generate an iLOM snapshot..

Option 1 - Command line interface

```
[root@exasw-ib2 ~]# su - ilom-admin

Oracle(R) Integrated Lights Out Manager

Version ILOM 3.0 r47111

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-> set /X/diag/snapshot dataset=normal
Set 'dataset' to 'normal'

-> set /X/diag/snapshot dump_uri=sftp://root@apactest/tmp
Enter remote user password: *****
Set 'dump_uri' to 'sftp://root@AAA.BBB.CCC.DDD/tmp'

to check the completion of snapshot file transfer:
-> show /SP/diag/snapshot result
```

NOTE: In this example, We write the log to /tmp on host # apactest with the IP address AAA.BBB.CCC.DDD

OR

Option 2 Web User Interface

From a browser interface connect to the IP# address or the Hostname.

Java needs to be enabled in the browser.

Steps...

- the web ILOM interface at: <http://<hostname of switch>>
- go to 'Maintenance' tab
- go to 'Snapshot' tab

- Select Data Set=normal & choose preferred Transfer Method
- select 'run'

REFERENCES

[NOTE:1020204.1](#) - Collecting snapshot on ILOM 3.x and later platforms

[NOTE:1053498.1](#) - Network Diagnostics information for Oracle Database Machine Environments

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