

5 Recovery Tips and Techniques

Please explain recovery cases for each subsystem.

5.1 *Ingest*

It is not advisable to cold start one Ingest server without cold starting all of Ingest. Cold starting Request Manager cleans out the requests in the Ingest database. You can warm restart any Ingest server by itself.

5.2 *PDPS*

Please checkout the PDPS Troubleshooting guide in /home/PDPS/troubleshooting.

5.3 *Science Data Server*

- **How do you salvage SDSRV inventory while repairing an ESDT?**

If an ESDT must be reinstalled you must either delete all granules associated with the ESDT by executing the EcDsSrRmesdt script or move the ESDTs to another ESDT temporarily using the DsDbMoveESDTGranules script. There are two three descriptors that are used for moving granules temporarily, DsESDTTsTEST01.001.desc, DsESDTTsTEST02.001.desc, and DsESDTTsTEST03.001.desc.

5.4 *IDM*

- **How do you salvage SDSRV inventory while repairing an ESDT?**

This process requires some IDM work also. For each ESDT to be repaired the ESDT must be removed from the data dictionary and the advertising databases. After reinsertion the maintenance tool must be used to perform an 'Update All Collections' action. See separate document for this procedure (later).

5.5 *Storage Management*

No information provided.

5.6 *Data Distribution*

No special cases; just warm and cold restart.

5.7 IDG

- **How do you handle the DCE master/slave being out-of-sync?**

Login as Cell_admin, then use dcecp commands to synchronize Master/Slave

```
dcecp
> registry catalog to get the HOST names

> registry synchronize ./:/subsys/dce/sec/$HOST_slave
```

To Synchronize the DTS,

```
> dts synchronize
```

Note: If this does not help, restart the DCE daemon.

5.8 MSS

HP OpenView (COTS):

Cleaning the HP OpenView Object database. (root privileges are necessary)

```
Exit all ovw sessions
Source /opt/OV/bin/ov.envvars.csh (or .sh as needed)
>$OV_BIN/ovstop
>cd $OV_DB/openview
>rm -rf *
>cd $OV_LOG
>rm xnmevents.*
>rm trapd.*
>$OV_BIN/vnmsnmpdconf --clearCache
>$OV_BIN/ovstart ovwdb
>$OV_BIN/ovw -fields
>$OV_BIN/ovstart
>$OV_BIN/ovw
```