

# DMF Feature Updates

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# DMF 5.6 New Features

- FMC ( Fast Mount Cache ) configuration introduced.
- IBM TS1140 tape drive support
- Custom Run task to migrate data periodically
- dmcapacity and dmoverview commands
- Core dumps generated by default
- Server support for SLES 11 SP2
- Client support for :
  - SLES 11 SP2
  - RHEL 6.2 client
  - RHEL 5.8 client
- Mac OS X Lion 10.



# DMF 5.6 New Features contd...

- Ability to specify:
  - How long to wait for a volume to be mounted (MOUNT\_TIMEOUT).
  - Size of volumes (tapesize vol database field).
  - Size of the alerts and performance databases (MAX\_ALERTDB\_SIZE/MAX\_PERFDB\_SIZE).
  - The number of tape drives in a drive group used for migrations (DG MAX\_PUT\_CHILDREN).



# DMF 5.6 Enhanced Features

- Merge protocol improvements.
- DMF Manager now manages licenses.
- DMF client commands now make use of the CXFS failover network.
- DMF client commands now connect outside of a secure port range.
- DMF can now limit the recall of files split across multiple tapes to a designated data mover node.
- DUMP\_RETENTION parameter in the taskgroup object now takes maximum/minimum.
- **Dmmaint is deprecated and may be removed in future.**



# DMF 5.5 Features

- Support for SGI COPAN MAID as a tier-3 storage device.
  - dmccopan, ov\_copan and ov\_shelf support commands added.
  - MAID HA support with active/passive DMF mover node access to shelves.
- dmtapestat cluster monitoring command added.
  - Provides ability to monitor cluster state updates at sub-second granularity.
  - Tons of new arena/pcp metrics added to Drive and MSP objects to show current queue state, inode, pathname, operation state etc.
- dmsort compression of intermediate data enabled.



# DMF 5.5 Features contd...

- Keep cartridge mounted ( PUT\_IDLE\_DELAY ).
- DMF Manager Enhancements
  - CXFS, DMF and Filesystem status.
  - Detailed information about Drive Groups.
  - HA Status of DMF cluster..
  - Restart services on DMF Server.
- DMF daemon dump task support for disk-to-disk backup (DUMP\_DESTINATION).



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