

May 2003

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SuSE Linux Manual HBA Driver Load Steps – HP StorageWorks msa1000 Environments

Abstract: This technical note describes a workaround in SuSE Linux for manually loading HBA drivers in an HP StorageWorks msa1000 environment.

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Issue

In a SuSE Linux environment, if the qla2300 HBA driver is manually loaded at the command line, the driver will not discover the LUNs on the attached msa1000 storage array. This will occur only with a manual load of the drivers – on boot or reboot, this does not happen

Solution

During boot or a reboot, as SuSE Linux is loading, the `probe-luns` command is issued. Among other things, this allows the qla2300 driver to discover the LUNs on the msa1000. During a manual load of the qla2300 driver, the `probe-luns` command must be issued prior to the loading of the qla2300 driver.

Example:

```
# /etc/init.d # ./probe-luns -l
```