

Current:

Multipathing with MD-Devices

To upgrade MD multipathing from SLES 8 to SLES 9 please start the system with the kernel parameter "barrier=off". YaST will then offer the MD device for update.

Multipathing with LVM1

During the update the multipathing volumes will only be recognized as standard LVM volumes.

It is then recommended to use EVMS. EVMS will recognize LVM1 multipathing.

Suggested:

Migrating Multipath Devices from SLES8 to SLES9 on zSeries

The way multipath devices are handled has changed in SLES9

For further information on how to access, use, and configure zFCP devices on zSeries please refer to the IBM Red Book: **Linux for zSeries: Fibre Channel Protocol Implementation Guide** <http://www.redbooks.ibm.com/redpieces/abstracts/sg246344.html>.

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Chapter 6 in this book provides a very good description of how to configure SLES9 for zFCP as well as how to configure and add zFCP devices.

Chapter 9 in this book describes how to access, configure, and use multipath devices on SLES9.

Devices that had been configured with MD or LVM1 in SLES8 can be used in SLES9. Some tips follow for migrating your existing multipath configure devices.

Migrating Multipath Devices that were configured using MD

To migrate MD multipath configured devices from SLES8 to SLES9 start the system with the kernel parameter "barrier=off". Using this parameter will allow YaST to access MD configured devices during the update. This does not apply to MD multipathing volumes that were not originally configured using EVMS. If RAID Tools were originally used to configure the devices, the configuration must be converted to a device mapper configuration.

Migrating Multipath Devices that were configured with LVM1

During the update the multipath devices that had been configured using LVM1 on SLES8 will be recognized as standard LVM volumes. After the update has completed you should use EVMS to manage these devices. EVMS will recognize devices that been configured for multipath using LVM1.