

BEFORE USING THIS PRODUCT

Requirements for Using the Sun Storage F5100 Flash Array

You must satisfy the requirements outlined in this document to use the Sun Storage F5100 Flash Array from Oracle®.

▼ Update Your HBA Card With the Latest Firmware

- ◆ Download the latest HBA firmware: <http://www.lsi.com/support/sun>

▼ Ensure That Partitions are 4K Aligned

To use this product, all partitions must start on 4K-aligned boundaries.

- In SPARC environments, use the `format` command to verify that partition boundaries start on 4K-aligned boundaries.
- In x86/x64 environments, in addition to verifying partition boundaries, ensure that the disk partition starts at a 4K-aligned value.

For more information and examples, refer to “Aligning FMods for Optimal Performance” in the *Sun Storage F5100 Flash Array Product Notes*.

▼ Configure Your Host Bus Adapters (HBAs)

System performance is directly related to the number of Flash Modules (FMods) connected to each HBA. The lower the HBA-to-FMod ratio, the higher the performance. Follow these guidelines when configuring HBAs:

- Connect a maximum of 20 FMods per HBA.
- Use only single-path connections between HBAs and the array.
- When not using zoning, connect only a single HBA to a single domain.
- Use only Sun-supported HBAs (Sun StorageTek PCIe SAS HBA or Sun StorageTek SAS ExpressModule HBA). Refer to the *Sun Storage F5100 Flash Array Product Notes* for the current list of supported HBAs.

For more information, refer to the best practices published at:

<http://wikis.sun.com/display/Performance/Home#Home-Flash>

Product Documentation

You can view or print a broad selection of documentation, including localized versions, at:
<http://docs.sun.com>

Technical Support

If you have technical questions about this product that are not answered in this document, go to:

<http://www.sun.com/service/contacting>

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