Where to find information for configurations with storage arrays

ONTAP FlexArray

NetApp
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When planning your configuration for using ONTAP systems with storage arrays, you should check various sources for information about array LUN configuration in addition to the product documentation.

Tools available on the NetApp Support Site provide, in a central location, specific information about which features, configurations, and storage array models are supported in particular releases.

Related information

NetApp Support

Limit types for configurations with storage arrays

You must consider certain storage array limits when planning for an ONTAP configuration.

The *Hardware Universe* contains specific limit values for storage arrays and native disks.

The following types of limits apply only to storage arrays and not to native disks:

- Minimum and maximum array LUN size that ONTAP supports
- Minimum size for the array LUN for the root volume
- Spare core array LUN minimum size
- Limits for RAID groups with array LUNs
- Minimum aggregate size for an aggregate of array LUNs
- Maximum number of array LUNs and disks combined, per platform

Related information

NetApp Hardware Universe

Where to find information about ONTAP support for storage arrays

Not all ONTAP releases support the same features, configurations, system models, and storage array models. During your deployment planning, you must check ONTAP support information to verify that your deployment conforms to ONTAP hardware and software requirements for all systems in the deployment.

The following table lists the information sources that contain the details of the hardware and software requirements associated with ONTAP systems:

For information about…	You should look here…
ONTAP working with devices, including the following: • Supported storage arrays and storage array firmware • Supported switches and switch firmware • Whether your storage array supports nondisruptive (live) upgrade of the storage array firmware • Whether a MetroCluster configuration is supported with your storage array	NetApp Interoperability Matrix Tool
ONTAP limits for releases and platforms, including the following: • Minimum and maximum array LUN sizes, including the minimum array LUN size for the root volume and spare core array LUNs • Minimum aggregate size for aggregates with array LUNs • Supported block size • Minimum and maximum capacity • Neighborhood limits	NetApp Hardware Universe
Setting up E-Series storage arrays, including the following: • Site preparation requirements • Cabling instructions • SANtricity software installation and configuration instructions	The following E-Series documentation: • *E-Series Storage Systems Site Preparation Guide* • *E-Series Storage Systems Hardware Cabling Guide* • *SANtricity ES Storage Manager documentation* You can access these documents from the NetApp Support site. NetApp Support
What is supported for specific storage arrays, including supported configurations	• FlexArray virtualization implementation for third-party storage • FlexArray virtualization implementation for NetApp E-Series storage

32xx system configuration restrictions

There are some restrictions for 32xx systems that do not apply to other models. You must be aware of these while configuring the systems.

The two onboard FC ports labeled 0c and 0d, are not on independent busses. Therefore, they do not provide storage redundancy. Some port failures can cause the system to panic. To configure redundant port pairs, you need to use an FC HBA in an available expansion slot.

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