



NVMe overview

ONTAP System Manager

Amanda Stroman, Thom Illingworth
January 13, 2020

This PDF was generated from https://docs.netapp.com/us-en/ontap/concept_nvme_provision_overview.html on December 09, 2020. Always check docs.netapp.com for the latest.

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You can use the non-volatile memory express (NVMe) protocol to provide storage in a SAN environment. The NVMe protocol is optimized for performance with solid state storage.

For NVMe, storage targets are called namespaces. An NVMe namespace is a quantity of non-volatile storage that can be formatted into logical blocks and presented to a host as a standard block device. You create namespaces and subsystems, and then map the namespaces to the subsystems, similar to the way LUNs are provisioned and mapped to igroups for FC and iSCSI.

NVMe targets are connected to the network through a standard FC infrastructure using FC switches and host-side adapters.

Learn more about [NVMe](#).

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