Technical reports

E-Series Systems

NetApp
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Technical reports

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Platform TRs

TR-4725: E2800 arrays feature overview

Describes the hardware and software features of the E2800 hybrid array and the latest SANtricity OS features.

TR-4724: E5700 arrays feature overview

Describes E5700 product information including new hardware and software features introduced with the latest version of SANtricity.

TR-4877: EF300 arrays feature overview

Describes the hardware and software features of the EF300 all-flash array and new SANtricity OS features.

TR-4800: EF600 arrays feature overview

Describes the hardware and software features of the EF600 all-flash array and new SANtricity OS features.

Browse security technical reports

Security TRs

TR-4474: SANtricity Drive Security Feature Guide

Describes the full disk encryption feature for E-Series systems, including support for FIPS 140-2 validated drives, and both internal and external key management support.

TR-4712: SANtricity Management Security Features

Describes SANtricity security features for NetApp E-Series E2800, E5700, EF280, EF570, EF300, and EF600 storage systems.

TR-4813: Managing Certificates for E-Series Systems

Describes how to manage security certificates with the latest E-Series controllers and applications.

TR-4855: Security Hardening Guide for SANtricity

Describes how to deploy SANtricity to meet prescribed security objectives for information system confidentiality, integrity, and availability.

TR-4853: Access Management for E-Series Systems

Describes how to configure Access Management, including role-based access control (RBAC), Lightweight Directory Access Protocol (LDAP) and Security Assertion Markup Language (SAML).

Browse featured technical reports

Feature TRs

TR-4893: SANtricity Remote Storage Volumes

Describes the solution architecture and how to use the E-Series storage system to import data from an existing remote storage device.

TR-4839: SANtricity Synchronous and Asynchronous Mirroring

Describes the SANtricity Synchronous and Asynchronous Mirroring feature.

TR-4747: SANtricity Snapshot Feature Overview and Deployment Guide

Describes the SANtricity Snapshot feature including GUI navigation instructions using SANtricity System Manager.

TR-4652: SANtricity Dynamic Disk Pools

Describes how storage administrators can group sets of like disks into a pool topology where all the drives in the pool participate in the I/O workflow.

TR-4737: SANtricity Automatic Load Balancing

Describes an overview of the behavior of the ALB feature, its key configuration parameters, and its host interoperability enhancements.

TR-4736: SANtricity Web Services API

Describes an overview of SANtricity Web Services, an API used for configuring and managing E-Series storage systems.

Browse solution technical reports

Splunk

TR-4623: E5700 with Splunk Enterprise

Describes the integrated architecture of the E5700 system and Splunk design. This document also summarizes the performance test results obtained from a Splunk machine log event simulation tool.

TR-4903: EF300 with Splunk Enterprise

Describes the integrated architecture of the EF300 all-flash array and Splunk design. This document also summarizes the performance test results obtained from a Splunk machine log event simulation tool.

TR-4930: EF600 with Splunk Enterprise

Describes the integrated architecture of the EF600 all-flash array and Splunk design. This document also summarizes the performance test results obtained from a Splunk machine log event simulation tool.

Enterprise Databases

TR-4764: Best Practice Guide for Microsoft SQL Server with NetApp EF-Series

Helps storage administrators and database administrators successfully deploy Microsoft SQL Server on NetApp EF-Series storage.

TR-4794: Oracle Databases on NetApp EF-Series

Helps storage administrators and database administrators successfully deploy Oracle on NetApp EF-Series storage.

Backup & Recovery

TR-4320: Best Practices with Commvault Data Platform V11

Describes the reference architecture and best practices when using NetApp E-Series storage in a Commvault Data Platform V11 environment.

TR-4471: Best Practices with Veeam Backup and Replication

Describes the reference architecture and best practices when using NetApp E-Series storage in a Veeam Backup & Replication 9.5 environment.

TR-4704: Deploying Veritas NetBackup with NetApp E-Series Storage

Describes the deployment of Veritas NetBackup on NetApp E-Series storage.

VSS

TR-4825: NetApp E-Series for Video Surveillance Best Practice Guide

Describes best practices for deploying E-Series arrays into video surveillance environments.

TR-4818: Virtualizing Video Management Systems with NetApp E-Series Storage

Describes how to design and deploy video management systems with NetApp E-Series storage.

TR-4848: Bosch Video Recording Solution with NetApp E-Series E2800 Disk Storage Array

Describes the video surveillance solution architecture and includes details of the components and storage best practices.

TR-4838: E2800 and E5700 with Milestone XProtect VMS Certification Report

Describes the certification test results performed on NetApp E2800 and E5700 hybrid storage arrays.

TR-4771-DESIGN: NetApp E-Series and Genetec video management software

Describes the certification results of Genetec Security Center Video Management Software (VMS) on the NetApp E2800 and E5700 hybrid storage arrays.

HPC

TR-4884: Entry-level HPC systems with NetApp E-Series and IBM Spectrum Scale

Describes the reference architecture for entry-level HPC systems based on NetApp E-Series storage systems and IBM Spectrum Scale.

TR-4859: Deploying IBM Spectrum Scale with NetApp E-Series Storage

Describes the process of deploying a full parallel file system solution based on IBM's Spectrum Scale software stack.

TR-4856: BeeGFS High Availability with E-Series using Red Hat Enterprise Linux Server

Describes the required configurations for implementing high availability in a BeeGFS architecture backed by the NetApp E-Series system and using RedHat Enterprise Linux for BeeGFS storage, metadata and management services.

TR-4862: BeeGFS High Availability with E-Series using SUSE Linux Enterprise Server

Describes the required configurations for implementing high availability in a BeeGFS architecture backed by the NetApp E-Series system and using SUSE Linux Enterprise Server for BeeGFS storage, metadata, and management services.

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