



## **Technical reports**

### E-Series storage systems

NetApp  
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# Technical reports

## Browse platform technical reports (E-Series)

Check out the links below to access technical reports related to E-Series platforms. The links take you to a different documentation site.

### Platform TRs

<a href="#">TR-4725: E2800 arrays feature overview</a>	<a href="#">TR-4724: E5700 arrays feature overview</a>	<a href="#">TR-4877: EF300 arrays feature overview</a>
Describes the hardware and software features of the E2800 hybrid array and the latest SANtricity OS features.	Describes E5700 product information including new hardware and software features introduced with the latest version of SANtricity.	Describes the hardware and software features of the EF300 all-flash array and new SANtricity OS features.
<a href="#">TR-4800: EF600 arrays feature overview</a>	<a href="#">TR-5001: E4000 arrays feature overview</a>	
Describes the hardware and software features of the EF600 all-flash array and new SANtricity OS features.	Describes the hardware and software features of the E4000 hybrid array and the latest SANtricity OS features.	

## Browse security technical reports (E-Series)

Check out the links below to access security technical reports related to E-Series hardware and SANtricity software. The links take you to a different documentation site.

### Security TRs

<a href="#">TR-4474: SANtricity Drive Security Feature Guide</a>	<a href="#">TR-4712: SANtricity Management Security Features</a>	<a href="#">TR-4813: Managing Certificates for E-Series Systems</a>
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.	Describes SANtricity security features for NetApp E-Series E2800, E5700, EF280, EF570, EF300, and EF600 storage systems.	Describes how to manage security certificates with the latest E-Series controllers and applications.
<a href="#">TR-4855: Security Hardening Guide for SANtricity</a>	<a href="#">TR-4853: Access Management for E-Series Systems</a>	

Describes how to deploy SANtricity to meet prescribed security objectives for information system confidentiality, integrity, and availability.	Describes how to configure Access Management, including role-based access control (RBAC), Lightweight Directory Access Protocol (LDAP) and Security Assertion Markup Language (SAML).
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## Browse featured technical reports (E-Series)

Check out the links below to access technical reports related to E-Series hardware and SANtricity software. The links take you to a different documentation site.

### Feature TRs

<a href="#">TR-4893: SANtricity Remote Storage Volumes</a>	<a href="#">TR-4839: SANtricity Synchronous and Asynchronous Mirroring</a>	<a href="#">TR-4747: SANtricity Snapshot Feature Overview and Deployment Guide</a>
Describes the solution architecture and how to use the E-Series storage system to import data from an existing remote storage device.	Describes the SANtricity Synchronous and Asynchronous Mirroring feature.	Describes the SANtricity Snapshot feature including GUI navigation instructions using SANtricity System Manager.
<a href="#">TR-4652: SANtricity Dynamic Disk Pools</a>	<a href="#">TR-4737: SANtricity Automatic Load Balancing</a>	<a href="#">TR-4736: SANtricity Web Services API</a>
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.	Describes an overview of the behavior of the ALB feature, its key configuration parameters, and its host interoperability enhancements.	Describes an overview of SANtricity Web Services, an API used for configuring and managing E-Series storage systems.

## Browse solution technical reports (E-Series)

Check out the links below to access solution technical reports related to E-Series hardware and SANtricity software. The links take you to a different documentation site.

### Splunk

<a href="#">TR-4623: E5700 with Splunk Enterprise</a>	<a href="#">TR-4903: EF300 with Splunk Enterprise</a>	<a href="#">TR-4930: EF600 with Splunk Enterprise</a>
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.	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.	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](#)

### [TR-4859: Deploying IBM Spectrum Scale with NetApp E-Series Storage](#)

### [TR-4856: BeeGFS High Availability with E-Series using Red Hat Enterprise Linux Server](#)

Describes the reference architecture for entry-level HPC systems based on NetApp E-Series storage systems and IBM Spectrum Scale.	Describes the process of deploying a full parallel file system solution based on IBM's Spectrum Scale software stack.	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.
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### **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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