



NETAPP UNIVERSITY

Customer Training Guide

Version 1.0 April 2018

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Accelerate Your Success Through Learning!

NetApp is the data authority for hybrid cloud. We provide a full range of hybrid cloud data services that simplify management of applications and data across cloud and on-premises environments to accelerate digital transformation. Together with our partners, we empower global organizations to unleash the full potential of their data to expand customer touchpoints, foster greater innovation and optimize their operations.

NetApp training ensures that your IT staff can take full advantage of the many cost-saving and efficiency-enhancing features that are built into your NetApp solutions. Training starts your staff on the right track and enables you to maximize the return on your NetApp investment.

How to Use This Guide

Welcome to the NetApp University Training Guide! This Training Guide was designed to provide you with the information that you need to get started with NetApp University, and a roadmap that will help you to create a comprehensive training plan based on your specific interests and goals.

Explore training by
TECHNOLOGY or
SKILL.

Use NAVIGATION
BAR to jump to a
specific section.

INTRODUCTION | **NETAPP UNIVERSITY** | **LEARNING PATHS** | CONTACT US

BY TECHNOLOGY
BY SKILL

Learning Paths

NetApp University Learning Paths are your guide to developing the skills, knowledge, and expertise to help you succeed. Explore training by technology area or skill.

If you're Get Started, click [here](#) to get started!

TECHNOLOGY	INSPIRE Innovation with the cloud	BUILD clouds to accelerate new services	MODERNIZE IT architecture with cloud-connected flash
	Cloud Volumes with Hyperscaler Cloud Providers, AltaVault / Cloud Backup, ONTAP Cloud, Cloud Control (SaaS Backup), OCI, Cloud Sync	SolidFire, NetApp HCI, StorageGRID Webscale, SF-Series, FlexPod SF, NFS, NPS, CI	All-Flash FAS, ONTAP, E-Series, EF-Series, FAS, FlexPod, ONTAP Select, NFLEX, SnapCenter, MetroCluster

SKILL	GET STARTED	PLAN / DESIGN	BUILD / DEPLOY / IMPLEMENT	OPERATE / MANAGE

7

NetApp

Delivery Formats

Certification
Support Site Account
Training Units

Delivery Formats

No one knows NetApp better than NetApp. Learn from the experts. Explore our extensive portfolio of web-based, instructor-led, virtual-live training.

Web-based Training

NetApp University offers an extensive portfolio of web-based (online) courses. All web-based training is offered free of charge, and can be accessed through the learning paths outlined in this document.

**Instructor-led Training and Workshops**

Instructor-led (live) classes are offered in more than 106 countries through our network of world-class [Authorized Learning Partners](#). Learning partners are also able to provide onsite or customized classes tailored to your needs.

**Virtual Instructor-led Training**

Virtual instructor-led (virtual-live) training options enable you to take training from the convenience of your home or office with collaborative discussions, subject-matter experts and industry analysts.

**Video**

Have 5 minutes to learn? Check out NetAppU learning videos. Learning videos provide bite-size learning on specific areas of interest.

**Resource**

Training resources, including web pages, documents, portals.



Delivery Formats
 Certification
 Support Site Account
 Training Units

Certification

NetApp certification enables technical professionals to obtain industry-wide recognition of their NetApp skills and expertise. Certification offers data storage and data management professionals a strong foundation and a comprehensive range of specializations from which to choose.

IMPLEMENTATION ENGINEER

SPECIALIST	NetApp Certified Implementation Engineer—SAN Specialist, ONTAP (NS0-507) <i>Prerequisite: NCDA ONTAP</i>	NetApp Certified Implementation Engineer—Data Protection Specialist (NS0-512) <i>Prerequisite: NCDA ONTAP</i>	NetApp Certified Implementation Engineer—SAN Specialist, Data ONTAP 7-Mode (NS0-504) <i>Prerequisite: NCDA 7-Mode</i>	NetApp Certified Implementation Engineer—SAN Specialist, E-Series (NS0-505)
	NetApp Certified Data Administrator, ONTAP (NS0-158)		NetApp Certified Data Administrator, ONTAP 7-Mode (NS0-155)	

STORAGE ADMINISTRATOR

PROFESSIONAL	NetApp Certified Data Administrator, ONTAP (NS0-158)	NetApp Certified Data Administrator, Data ONTAP 7-Mode (NS0-155)
ASSOCIATE	NetApp Certified Storage Associate - Hybrid Cloud (NS0-146)	

INSTALLATION ENGINEER

PROFESSIONAL	NetApp Certified Storage Installation Engineer, ONTAP (NS0-181)
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SUPPORT ENGINEER

SPECIALIST	NetApp Certified Support Engineer – ONTAP Specialist (NS0-590) <i>Prerequisite: NCSE</i>
PROFESSIONAL	NetApp Certified Support Engineer (NS0-191)

CONVERGED INFRASTRUCTURE

SPECIALIST	Cisco and NetApp FlexPod Design Specialist (NS0-170)	Cisco and NetApp FlexPod Implementation and Administration Specialist (NS0-171)
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Certification testing is delivered in a secure, proctored environment by Pearson VUE, a third-party testing organization. NetApp certifications are valid for 27 months from the date of the exam. Learn more about certification at www.netapp.com/certification. Click on a certification (above) to get more information on the certification, pre-requisites, and preparation resources. If you have questions, contact us at ncp@netapp.com.

Delivery Formats
Certification
[Support Site Account](#)
Training Units

NetApp Support Site Account

A NetApp Support Site account will enable you to take full advantage of our full portfolio of web-based training courses, browse the NetApp Learning Center and participate in the NetApp University Community. It takes moments to open a support account, and is free of charge.

Register for your free NetApp support site account [here](#). Once you have created your support site account, activate your account in the [LearningCenter](#) for access to our training portfolio – including hundreds of free, online courses.

NetApp University Training Units

NetApp University training units (TUs) are the currency of NetApp University, and enable you to easily pay for fee-based NetApp University courses and services. Twelve Training Units are redeemable for one day of instructor-led training. Training Units let you order training in bulk and give you the flexibility to redeem units to best suit your business needs.

Anyone in your organization can use your NetApp TUs to register for courses. First-time NetApp users usually benefit most from instructor-led courses. Experienced users often choose free web-based courses to refresh their skills. Training Units expire in 1 year from the date of purchase.




Where applicable, training units are listed in the Learning Path section of this training guide. Training Units are not required for web-based courses. Your NetApp account representative can provide additional information on acquiring and using Training Units.

Learning Paths





NetApp University Learning Paths are your guide to developing the skills, knowledge, and expertise to help you succeed. Explore training by technology area or skill.

If you're Get Started, click [here](#) to get started!

TECHNOLOGY

		
INSPIRE Innovation with the cloud	BUILD clouds to accelerate new services	MODERNIZE IT architecture with cloud-connected flash
Cloud Volumes with Hyperscaler Cloud Providers, AltaVault / Cloud Backup, ONTAP Cloud, Cloud Control (SaaS Backup), OCI, Cloud Sync	SolidFire, NetApp HCI, StorageGRID Webscale, SF-Series, FlexPod SF, NFS, NPS, CI	All-Flash FAS, ONTAP, E-Series, EF-Series, FAS, FlexPod, ONTAP Select, NFLEX, SnapCenter, MetroCluster

SKILL















			
GET STARTED	PLAN / DESIGN	BUILD / DEPLOY / IMPLEMENT	OPERATE / MANAGE

BY TECHNOLOGY

Hybrid Cloud
Next-Generation Data Center
Enterprise IT
Data Management

BY SKILL

INSPIRE Innovation with the cloud

Technology	Course	Level	TUs	Duration (hours)	Delivery
NetApp Private Storage	NetApp Private Storage for Amazon Web Services: Exploring Use Cases			0:05	
NetApp Private Storage	NetApp Private Storage for Microsoft Azure: Architecture Components			0:03	
Cloud Backup/AltaVault	Technical Overview of AltaVault Technology			1:10	
Cloud Backup/AltaVault	NetApp Cloud Backup Connecting to China Alibaba Cloud			0:05	
Cloud Backup/AltaVault	AltaVault Implementation			2:00	
NetApp Hybrid Cloud	Integrating Hybrid Clouds with NetApp Data Fabric		50	32:00	
NetApp Hybrid Cloud	Technical Overview of NetApp Service Level Manager			45:00	
ONTAP Cloud	Cloud Fundamentals			0:30	
ONTAP Cloud	Technical Overview of ONTAP Cloud			0:45	
ONTAP Cloud	NetApp Certified Storage Associate - Hybrid Cloud			1:30	
Cloud Control	Technical Overview of NetApp Cloud Control for Microsoft Office 365			0:45	
OnCommand Insight	OnCommand Insight: Fundamentals			1:00	
OnCommand Insight	OnCommand Insight: Intelligent Operation		24	16:00	
OnCommand Insight	OnCommand Insight: Business Insights		24	16:00	

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FOUNDATIONAL

CONTINUOUS
LEARNING

SPECIALIZATION

Web-based



Instructor-led



Virtual-live



DELIVERY

Video



Resource



Curriculum



Exam



Proficiency








TU = Training Units
(1 day ILT = 12 TUs)

BY TECHNOLOGY

Hybrid Cloud
[Next-Generation Data Center](#)
 Enterprise IT
 Data Management

BY SKILL

BUILD clouds to accelerate new services

Technology	Course	Level	TUs	Duration (hours)	Delivery
StorageGRID Webscale	StorageGRID Webscale Fundamentals			1:00	
StorageGRID Webscale	Technical Overview of StorageGRID Webscale			1:00	
StorageGRID Webscale	StorageGRID Webscale Administration			2:30	
SolidFire	Installing and Configuring SolidFire mNode			0:10	
FlexPod	Technical Overview of Base FlexPod Technology with Options			4:30	

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SPECIALIZATION

Web-based



Instructor-led



Virtual-live



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BY TECHNOLOGY

Hybrid Cloud
Next-Generation Data Center
Enterprise IT
Data Management

BY SKILL

MODERNIZE IT architecture with cloud-connected flash

Technology	Course	Level	TUs	Duration (hours)	Delivery
ONTAP	ONTAP SAN Fundamentals			1:05	
ONTAP	ONTAP NAS Fundamentals			0:45	
ONTAP	ONTAP SMB Administration		12	8:00	
ONTAP	SAN Implementation - Switch Configuration			1:00	
ONTAP	Exploring SAN Architectures and Configurations		24	16:00	
ONTAP	ONTAP SAN Implementation		36	24:00	
ONTAP	NetApp Unified Connect Technical Overview and Implementation			2:00	
ONTAP	NetApp Certified Implementation Engineer—SAN Specialist, ONTAP (NCIE SAN ONTAP)			1:30	
Enterprise Flash Storage	Installing and Configuring the AFF A700s System			1:30	
Enterprise Flash Storage	Flash Fundamentals			0:30	
Enterprise Flash Storage	Troubleshooting and Servicing the FAS8200 and AFF A300 Systems			2:00	
Enterprise Flash Storage	Troubleshooting and Servicing the FAS9000 and AFF A700 Systems			2:00	
Enterprise Flash Storage	Troubleshooting and Servicing the AFF A700s Systems			2:00	
E-Series Storage Systems	Technical Overview of NetApp E-Series Storage Systems			0:30	
Enterprise Apps	SnapCenter Fundamentals			1:30	

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Proficiency



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BY TECHNOLOGY

Hybrid Cloud
Next-Generation Data Center
Enterprise IT
Data Management

BY SKILL

MODERNIZE IT architecture with cloud-connected flash

Technology	Course	Level	TUs	Duration (hours)	Delivery
E-Series Storage Systems	Configuring and Monitoring NetApp E-Series and EF-Series Storage Systems		48	32:00	
E-Series Storage Systems	NetApp Certified Implementation Engineer-SAN Specialist, E-Series			1:30	
Enterprise Apps	Implementing Microsoft Exchange on NetApp Storage Systems		36	24:00	
Enterprise Apps	Implementing Microsoft SQL Server on NetApp Storage Systems		36	24:00	
Enterprise Apps	Implementing Oracle on NetApp Storage Systems		36	24:00	
Enterprise Apps	Technical Overview of NetApp Cloud Control for Microsoft Office 365			0:45	
Virtualization	Virtualization Technology Fundamentals			1:30	
Virtualization	Technical Overview of Virtual Storage Console, Storage Replication Adapter, and Vasa Provider			0:37	
Virtualization	Implementing VMware vSphere on ONTAP		24	16:00	
Virtualization	Implementing Microsoft Hyper-V on ONTAP		24	16:00	
FlexPod	Technical Overview of Base FlexPod Technology with Options			4:30	
FlexPod	Designing The FlexPod Solution		24	16:00	
FlexPod	Implementing and Administering the FlexPod Solution		36	24:00	

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TU = Training Units
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BY TECHNOLOGY

Hybrid Cloud
 Next-Generation Data Center
[Enterprise IT](#)
 Data Management

BY SKILL

MODERNIZE IT architecture with cloud-connected flash

Technology	Course	Level	TUs	Duration (hours)	Delivery
FlexPod	Cisco and NetApp FlexPod Design Specialist			1:30	
FlexPod	Cisco and NetApp FlexPod Implementation and Administration Specialist			1:30	

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BY TECHNOLOGY

Hybrid Cloud
Next-Generation Data Center
Enterprise IT
Data Management

BY SKILL

Data Management

Technology	Course	Level	TUs	Duration (hours)	Delivery
ONTAP	ONTAP Cluster Fundamentals			5:00	
ONTAP	ONTAP Data Protection Fundamentals			1:00	
ONTAP	ONTAP Data Management Fundamentals			2:30	
ONTAP	Basic NetApp Configuration and Administration		24	16:00	
ONTAP	ONTAP 9.1 New Features			0.15	
ONTAP	ONTAP 9.2 New Features			0:15	
ONTAP	ONTAP Security and Compliance Solutions Administration		12	8:00	
ONTAP	ONTAP Cluster Administration		36	24:00	
ONTAP	ONTAP Administration: What is New in 9.2			0:45	
ONTAP	ONTAP Administration: What is New in 9.3			1:00	
ONTAP	ONTAP Data Protection Administration		24	16:00	
ONTAP	ONTAP MetroCluster Installation		24	16:00	
ONTAP	NetApp Certified Data Administrator (NCDA)			1:30	
ONTAP	NetApp Certified Implementation Engineer-Data Protection Specialist (NCIE Data Protection)			1:30	

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BY TECHNOLOGY

Hybrid Cloud
Next-Generation Data Center
Enterprise IT
Data Management

BY SKILL

Data Management

Technology	Course	Level	TUs	Duration (hours)	Delivery
ONTAP	Performance Analysis Fundamentals on Data ONTAP			3:00	
ONTAP	Performance Analysis on Clustered ONTAP		24	16:00	
ONTAP	NetApp Transition Fundamentals			0:30	
ONTAP	Planning and Implementing Transition Using the 7-Mode Transition Tool			1:00	
ONTAP Select	ONTAP Select Installation and Deployment			1:30	
Data Protection	Technical Overview of Commvault IntelliSnap for NetApp			0:40	
Data Protection	Planning and Installing the SnapProtect Solution			1:30	
Data Protection	SnapProtect Solution Administration		36	24:00	
OnCommand Management Software	Technical Overview of OnCommand Insight			1:30	
OnCommand Management Software	Administration of OnCommand Unified Manager and Integrated Solutions		24	16:00	
OnCommand Management Software	Creating and Customizing Workflows Using OnCommand Workflow Automation		24	16:00	
FlexPod	Technical Overview of Base FlexPod Technology with Options			4:30	

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BY TECHNOLOGY

Hybrid Cloud
 Next-Generation Data Center
 Enterprise IT
[Data Management](#)

BY SKILL

Data Management

Technology	Course	Level	TUs	Duration (hours)	Delivery
FlexPod	Designing the FlexPod Solution		24	16:00	
FlexPod	Implementing and Administering the FlexPod Solution		24	16:00	
FlexPod	Cisco and NetApp FlexPod Design Specialist			1:30	
FlexPod	Cisco and NetApp FlexPod Implementation and Administration Specialist			1:30	
ONTAP	Clustered Data ONTAP Administration (8.x)		36	24:00	

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TU = Training Units
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BY TECHNOLOGY

BY SKILL











Get Started

Plan / Design

Build / Deploy / Implement

Operate / Manage

Get Started

Technology	Course	Level	TUs	Duration (hours)	Delivery
Data Fabric	Welcome to Data Fabric			0:51	
Data Fabric	Introduction to NetApp Products			0:30	
NetApp Support	Get Fit with NetApp			1:15	
ONTAP	ONTAP Cluster Fundamentals			4:30	
FAS Storage Systems	Using System Setup for FAS Systems			0:15	
Enterprise Flash Storage	Flash Fundamentals			0:30	
Hybrid Cloud	Cloud Fundamentals			0:30	
Data Management	ONTAP Data Management Fundamentals			2:30	
ONTAP	ONTAP 9.1 New Features			0:15	
ONTAP	ONTAP 9.2 New Features			0:15	

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Get Started

Plan / Design

Build / Deploy / Implement

Operate / Manage

Plan / Design

Technology	Course	Level	TUs	Duration (hours)	Delivery
Hybrid Cloud	Cloud Fundamentals			0:30	
Hybrid Cloud	OnCommand Insight: Fundamentals			1:00	
Hybrid Cloud	Technical Overview of ONTAP Cloud			0:45	
Hybrid Cloud	Technical Overview of AltaVault Technology			1:10	
Hybrid Cloud	NetApp Cloud Backup Connecting to China Alibaba Cloud			0:05	
Hybrid Cloud	StorageGRID Webscale Fundamentals			1:00	
Hybrid Cloud	Technical Overview of StorageGRID Webscale			1:00	
Hybrid Cloud	Technical Overview of NetApp Cloud Control for Microsoft Office 365			0:45	
Next-Generation Data Center	Technical Overview of Base FlexPod Technology with Options			4:30	
Hybrid Cloud	NetApp Private Storage for Amazon Web Services: Exploring Use Cases			0:05	
Hybrid Cloud	NetApp Private Storage for Microsoft Azure: Architecture Components			0:03	

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BY TECHNOLOGY

Get Started












Plan / Design

Build / Deploy / Implement

Operate / Manage

BY SKILL

Plan / Design

Technology	Course	Level	TUs	Duration (hours)	Delivery
Next-Generation Data Center	Designing The FlexPod Solution		24	16:00	
Next-Generation Data Center	Cisco and NetApp FlexPod Design Specialist			1:30	
Data Management	ONTAP Cluster Fundamentals			5:00	
Enterprise IT	ONTAP SAN Fundamentals			1:05	
Enterprise IT	ONTAP NAS Fundamentals			0:45	
Enterprise IT	Flash Fundamentals			0:30	
Data Management	ONTAP Data Protection Fundamentals			1:00	
Enterprise IT	Technical Overview of NetApp E-Series Storage Systems			0:30	
Enterprise IT	SnapCenter Fundamentals			1:30	
Enterprise IT	Virtualization Technology Fundamentals			1:30	
Virtualization	Technical Overview of Virtual Storage Console, Storage Replication Adapter, and Vasa Provider			0:37	

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BY TECHNOLOGY

Get Started








Plan / Design

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Operate / Manage

BY SKILL

Plan / Design

Technology	Course	Level	TUs	Duration (hours)	Delivery
Enterprise IT	Exploring SAN Architectures and Configurations		24	16:00	
Enterprise IT	Configuring and Monitoring NetApp E-Series and EF-Series Storage Systems		48	32:00	
Enterprise IT	ONTAP 9.1 New Features			0:15	
ONTAP	ONTAP 9.2 New Features			0:15	
Enterprise IT	Technical Overview of Commvault IntelliSnap for NetApp			0:40	
Enterprise IT	Planning and Installing the SnapProtect Solution			1:30	
Data Management	Technical Overview of OnCommand Management Solutions			1:30	


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Build / Deploy / Implement

Technology	Course	Level	TUs	Duration (hours)	Delivery
Hybrid Cloud	NetApp Private Storage for Amazon Web Services: Exploring Use Cases			0:05	
Hybrid Cloud	NetApp Private Storage for Microsoft Azure: Architecture Components			0:03	
Hybrid Cloud	Deploying NetApp Private Storage for Amazon Web Services: Overview			5:11	
Hybrid Cloud	NetApp Private Storage for Amazon Web Services: Hardware and Software Components			7:17	
Hybrid Cloud	StorageGRID Webscale Fundamentals			1:00	
Hybrid Cloud	Technical Overview of StorageGRID Webscale			1:00	
Hybrid Cloud	Technical Overview of ONTAP Cloud			0:45	
Hybrid Cloud	Technical Overview of AltaVault Technology			1:10	
Hybrid Cloud	NetApp Cloud Backup Connecting to China Alibaba Cloud			0:05	
NetApp Hybrid Cloud	Integrating Hybrid Clouds with NetApp Data Fabric		48	32:00	
Hybrid Cloud	Technical Overview of NetApp Cloud Control for Microsoft Office 365			0:45	
Hybrid Cloud	AltaVault Implementation			2:00	
Hybrid Cloud	NetApp Certified Storage Associate - Hybrid Cloud			1:30	


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BY TECHNOLOGY

Get Started
Plan / Design
Build / Deploy / Implement
Operate / Manage

BY SKILL

Build / Deploy / Implement

Technology	Course	Level	TUs	Duration (hours)	Delivery
Next-Generation Data Center	Installing and Configuring SolidFire mNode			0:10	
Next-Generation Data Center	Technical Overview of Base FlexPod Technology with Options			4:30	
Next-Generation Data Center	Implementing and Administering the FlexPod Solution		36	24:00	
Next-Generation Data Center	Cisco and NetApp FlexPod Implementation and Administration Specialist			1:30	
Enterprise IT	Flash Fundamentals			0:30	
Data Management	ONTAP Cluster Fundamentals			5:00	
Enterprise IT	ONTAP SAN Fundamentals			1:05	
Enterprise IT	ONTAP NAS Fundamentals			0:45	
Enterprise IT	Using System Setup for FAS Systems			0:15	
Enterprise IT	Installing and Configuring the AFF A700s System			1:30	
Enterprise IT	SAN Implementation – Switch Configuration			1:00	
Enterprise IT	NetApp Unified Connect Technical Overview and Implementation			2:00	
Enterprise IT	ONTAP SAN Implementation		36	24:00	
Data Management	ONTAP 9.1 New Features			0:15	

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BY TECHNOLOGY

Get Started
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BY SKILL

Build / Deploy / Implement

Technology	Course	Level	TUs	Duration (hours)	Delivery
ONTAP	ONTAP 9.2 New Features			0:15	
Data Management	ONTAP Select Installation and Deployment			1:30	
Enterprise IT	NetApp Certified Implementation Engineer—SAN Specialist, ONTAP (NCIE SAN ONTAP)			1:30	
Data Management	ONTAP Data Protection Fundamentals			1:00	
Enterprise IT	Basic NetApp Configuration and Administration		24	16:00	
Data Management	ONTAP MetroCluster Installation		24	16:00	
Data Management	ONTAP Cluster Administration		36	24:00	
Data Management	ONTAP Data Protection Administration		24	16:00	
Data Management	NetApp Certified Implementation Engineer - Data Protection Specialist (NCIE Data Protection)			1:30	
Enterprise IT	Technical Overview of Commvault IntelliSnap for NetApp			0:40	
Enterprise IT	Planning and Installing the SnapProtect Solution			1:30	
Enterprise IT	Performance Analysis on ONTAP Fundamentals			3:00	
Enterprise IT	Performance Analysis on Clustered ONTAP		24	16:00	

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BY TECHNOLOGY

Get Started
Plan / Design
Build / Deploy / Implement
Operate / Manage

BY SKILL

Build / Deploy / Implement

Technology	Course	Level	TUs	Duration (hours)	Delivery
Enterprise IT	NetApp Transition Fundamentals			0:30	
Enterprise IT	Technical Overview of NetApp E-Series Storage Systems			0:30	
Enterprise IT	Technical Overview of EF-Series All-Flash Array			0:30	
Enterprise IT	Planning and Implementing Transition Using the 7-Mode Transition Tool			1:00	
Enterprise IT	Configuring and Monitoring NetApp E-Series and EF-Series Storage Systems		48	32:00	
Enterprise IT	NetApp Certified Implementation Engineer-SAN Specialist, E-Series			1:30	
Enterprise IT	Implementing Microsoft Exchange on NetApp Storage Systems		36	24:00	
Enterprise IT	Implementing Microsoft SQL Server on NetApp Storage Systems		36	24:00	
Enterprise IT	Implementing Oracle on NetApp Storage Systems		36	24:00	
Enterprise IT	SnapCenter Fundamentals			1:30	
Enterprise IT	Virtualization Technology Fundamentals			0:45	
Virtualization	Technical Overview of Virtual Storage Console, Storage Replication Adapter, and Vasa Provider			0:37	
Enterprise IT	Implementing VMware vSphere on ONTAP		24	16:00	

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Web-based



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CONTINUOUS LEARNING

Instructor-led



Resource



Proficiency



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Curriculum




TU = Training Units
(1 day ILT = 12 TUs)

BY TECHNOLOGY

Get Started
Plan / Design
[Build / Deploy / Implement](#)
Operate / Manage

BY SKILL

Build / Deploy / Implement

Technology	Course	Level	TUs	Duration (hours)	Delivery
Enterprise IT	Implementing Microsoft Hyper-V on ONTAP		24	16:00	

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Technology	Course	Level	TUs	Duration (hours)	Delivery
Hybrid Cloud	Technical Overview of StorageGRID Webscale			1:00	
Hybrid Cloud	StorageGRID Webscale Administration			2:30	
Next-Generation Data Center and Data Management	Technical Overview of Base FlexPod Technology with Options			4:30	
Next-Generation Data Center and Data Management	Implementing and Administering the FlexPod Solution		36	24:00	
Next-Generation Data Center and Data Management	Cisco and NetApp FlexPod Implementation and Administration Specialist			1:30	
Enterprise IT	ONTAP NFS Administration		24	16:00	
Enterprise IT	ONTAP SMB Administration		12	8:00	
Data Management	ONTAP Cluster Administration		36	24:00	
Data Management	ONTAP Administration: What is New in 9.2			0:45	
Data Management	ONTAP Administration: What is New in 9.3			1:00	
Data Management	ONTAP Data Protection Administration		24	16:00	
Data Management	ONTAP Security and Compliance Solutions Administration		12	8:00	
Data Management	NetApp Certified Data Administrator, ONTAP (NCDA ONTAP)			1:30	

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Technology	Course	Level	TUs	Duration (hours)	Delivery
Enterprise IT	Troubleshooting and Servicing the FAS8200 and AFF A300 Systems			2:00	
Enterprise IT	Troubleshooting and Servicing the FAS9000 and AFF A700 Systems			2:00	
Enterprise Flash Storage	Troubleshooting and Servicing the AFF AF700s Systems			2:00	
Enterprise IT	Technical Overview of Commvault IntelliSnap for NetApp			0:40	
Enterprise IT	Operating and Troubleshooting the SnapProtect Solution			2:00	
Enterprise IT	SnapProtect Solution Administration		36	24:00	
Data Management	Performance Analysis on ONTAP Fundamentals			3:00	
Data Management	Performance Analysis on Clustered ONTAP		24	16:00	
Data Management	Technical Overview of OnCommand Management Solutions			1:30	
Data Management	Administration of OnCommand Unified Manager and Integrated Solutions		24	16:00	
Data Management	Creating and Customizing Workflows Using OnCommand Workflow Automation		24	16:00	
Hybrid Cloud	OnCommand Insight: Intelligent Operation		24	16:00	
Hybrid Cloud	OnCommand Insight: Business Insights		24	16:00	

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Technology	Course	Level	TUs	Duration (hours)	Delivery
Hybrid Cloud	OnCommand Insight: Advanced Report Creation with Report Studio		24	16:00	
ONTAP	Clustered Data ONTAP Administration (8.x)		36	24:00	

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