



## TRAINING OFFERING

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**You can reach us at:**

Arrow ECS, Nidderdale House, Beckwith Knowle, Harrogate, HG3 1SA

Email: [educationteam.ecs.uk@arrow.com](mailto:educationteam.ecs.uk@arrow.com)

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# ONTAP 9.8 Cluster Administration and Data Protection Bundle

CODE:	LENGTH:	PRICE:
NEP_OT-CLU-DPA 9.8	5 days	£3,840.00

## Description

This 5 day course comprises the following 2 courses.

The 3 day OT-CLU-A 9.8 - Cluster Administration plus the 2 day OT-DPA 9.8 - Data Protection Administration

The first 3 days uses lecture and hands-on exercises to teach the basic administration tasks of an ONTAP 9.8 cluster. You use the cluster shell and OnCommand System Manager to manage storage and network resources. ONTAP Cluster Administration is an intermediate course in a comprehensive learning path for NetApp customers, partners and employees.

Students spend the final 2 days learning about the different data protection solutions that are integrated into ONTAP software, including the SyncMirror, SnapMirror, storage virtual machine (SVM) disaster recovery, and SnapVault solutions. The course also provides an overview of ONTAP MetroCluster configuration, NDMP, and cloud-based data protection with NetApp Cloud Volumes ONTAP and NetApp Data Availability Services. You also learn about the tools for managing ONTAP data protection features. In the hands-on exercises, you use NetApp OnCommand System Manager and the CLI to complete key data protection tasks.

The course also provides an overview of the ONTAP MetroCluster high-availability and disaster recovery software solution.

## Objectives

- Manage ONTAP administrators
- Configure and manage storage resources
- Configure and manage networking resources
- Create and configure a storage virtual machine (SVM)
- Create and manage FlexVol volumes
- Implement storage efficiency features
- Create protocol servers within an SVM
- Configure basic data protection features
- Perform administrative and preventive maintenance tasks
- Describe the data protection features in ONTAP software
- Configure SnapMirror® relationships for data replication
- Demonstrate storage virtual machine disaster recovery (SVM DR)
- Explain MetroCluster™ components and configuration
- Configure the SnapVault® feature for disk-to-disk backup and recovery
- Describe NDMP-enabled operations to back up NAS data to tape storage
- Describe the NetApp SnapCenter® software that is used for ONTAP data protection management
- Explain cloud-based data protection with NetApp Cloud Volumes ONTAP

## Audience

- Network Engineers
- Channel Partners
- System Engineers
- NetApp Customers

## Prerequisites

Completion of the following web based training modules on the NetApp site:

- NA-OCFWBT

- NA-ONFWBT
- NA-OSFWBT
- NA-ODPFWBT

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
10 Jan 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
10 Jan 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00
21 Feb 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
21 Feb 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00
21 Mar 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
21 Mar 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00
25 Apr 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
25 Apr 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
09 May 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
09 May 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
06 Jun 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
06 Jun 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
18 Jul 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
18 Jul 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
08 Aug 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
08 Aug 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
12 Sep 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
12 Sep 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
10 Oct 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
10 Oct 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
14 Nov	London - Dowgate	GMT	English	Classroom		£3,840.00

2022	Hill					
14 Nov 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00
12 Dec 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
12 Dec 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00
17 Jan 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
17 Jan 2022	Virtual Classroom	GMT	English	Instructor Led Online	Yes	£3,840.00
07 Feb 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
07 Feb 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00
28 Mar 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
28 Mar 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
23 May 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
23 May 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
13 Jun 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
13 Jun 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
25 Jul 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
25 Jul 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
22 Aug 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
22 Aug 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
19 Sep 2022	London - Dowgate Hill	BST	English	Classroom		£3,840.00
19 Sep 2022	Virtual Classroom	BST	English	Instructor Led Online		£3,840.00
07 Nov 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
07 Nov 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00
05 Dec 2022	London - Dowgate Hill	GMT	English	Classroom		£3,840.00
05 Dec 2022	Virtual Classroom	GMT	English	Instructor Led Online		£3,840.00

## Additional Information

This training is also available as onsite training. Please contact us to find out more.