

LEARNING PATH DESCRIPTION / ON-DEMAND

ActiveCluster™ Foundations

ActiveCluster is a fully symmetric Active/Active bidirectional replication solution provides synchronous replication for RPO zero and automatic transparent failover for RTO zero. ActiveCluster enables clustered arrays and hosts in multiple sites to be used in flexible Active/Active data center configurations. Active-Active async provides intelligent asynchronous replication for long distance disaster recovery.

Course Benefits

ActiveCluster Foundations is comprised of a series of online, self-paced modules, providing a comprehensive overview of ActiveCluster. Comprised of five courses, the course covers administration and replication, through set-up, configuration, and feature behavior (including an overview of Pure1® and FlashArray™ Dashboard).

Course Outline

During this course you will learn:

Course 1 - ActiveCluster Overview

ActiveCluster Overview - 20 minutes

- Learn what an Active-Active storage solution is and define the key concepts of ActiveCluster.

ActiveCluster Value Proposition - 14 minutes

- Describe ActiveCluster's value-proposition and identify ActiveCluster engagement caveats challenges and opportunities for engagement.

Admin Overview - 10 minutes

- Identify simple management techniques for ActiveCluster, define ActiveCluster Pods, and protection groups and how to use ActiveCluster volume manager.

ActiveCluster Replication - 23 minutes

- Describe the difference between ActiveCluster replication and Active-Active Asynchronous Replication.



Duration
5 hours



Intended Audience
Partners, Professional Services, Technical Services



Course Type
eLearning/Self-paced



Recommended Next Steps
Practical experience

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Course 2 - Setup

Set-up Preparation - 11 minutes

- Describe ActiveCluster sizing requirements and how to examine replication network connections, the infrastructure needed for capability, describe needed replication infrastructure, and identify the importance of management networks.

Replication Interconnect and Management Network - 18 minutes

- Describe the importance of replication network connections and needed infrastructure for this capability. You will also be able to describe management network as it pertains to ActiveCluster.

Course 3 - Configuring

Design an ActiveCluster Solution - 7 minutes

- Describe Array Preferences and host connectivity for both uniform and non-uniform storage access.

Failover Behavior - 24 minutes

- Describe the difference between uniform and non-uniform failover, how to optimize host performance, and how transparent failover works.

Course 4 - Monitoring and Validation

FlashArray Monitor and Validate - 12 minutes

- Demonstrate how to navigate and leverage the FlashArray Dashboard to identify performance metrics as well as monitor and validate the customer's FlashArray Network.

Pure1 Cloud - 7 minutes

- Describe what the Pure1 Cloud management platform is and demonstrate how to use ActiveCluster's Cloud-based analytic and monitoring tools to monitor the capacity forecast and space usage.

Course 5 - Plan and Design

Plan and Design - 21 minutes

- Describe the resources available to plan and design an ActiveCluster solution as well as summarize the five key implementation phases, from planning to deploying.

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