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education

course description

TruCluster server configuration and management u3702s

course overview

This 5 day lecture/lab course describes in detail how to plan, install, configure, test, and troubleshoot the hardware and software components for TruCluster Server on hpTru64 UNIX systems. It shows how to set up available services, how to monitor the cluster, and how to write action scripts. It includes both the Memory Channel and LAN cluster interconnect, supported in v5.1A.

audience

This course is designed for system administrators and support personnel who have experience managing an hp Tru64 UNIX environment and require instruction on configuring and maintaining hp Tru64 UNIX clusters.

benefits to you

- Provides hands-on practice installing a cluster and setting up services
- Helps you prepare for the hp Tru64 UNIX V5 TruCluster Implementation and Support (#010-704) certification exam

pre-requisites

To get the most from this course, you should be able to:

- Install and manage an hp Tru64 UNIX system, layered products and PAKs
- Troubleshoot the operating system and make adjustments to improve performance
- Connect to a TCP/IP network and understand subnetworking concepts
- Configure distributed network services, Network File System, LSM and RAID storage

course objectives

Upon successful completion of this course, you should be able to describe the way the following components are implemented:

- Describe the TruCluster Server concepts and product components
- Determine the hardware needs of various cluster configurations
- Install and set up TruCluster hardware and software for all member nodes
- Set up and maintain services and highly available applications
- Use the cluster management tools to monitor and maintain cluster member nodes
- Identify and resolve cluster-related problems
- Troubleshooting TCP/IP Networks u3700s

next steps

to order

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detailed course outline: TruCluster server configuration and management u3702s

module	key topics
introducing TruCluster server	<ul style="list-style-type: none">• TruCluster server product history• describing TruCluster server components• additional topics
TruCluster hardware	<ul style="list-style-type: none">• TruCluster hardware• cluster interconnect• adapters• storage bus• cluster hardware configurations
installing TruCluster server software	<ul style="list-style-type: none">• performing preliminary setup tasks• creating a single-member cluster• adding cluster members
managing cluster members	<ul style="list-style-type: none">• using hp Tru64 UNIX commands with clusters• using a GUI for cluster management• managing existing members• adjusting quorum votes
managing networks in a cluster	<ul style="list-style-type: none">• adding and changing network services• managing the network file system• managing mail
making applications highly available	<ul style="list-style-type: none">• managing resources• creating resource profiles• writing actions scripts• resource manager• managing CAA from graphical user interfaces
TruCluster server storage management	<ul style="list-style-type: none">• disks required for installation• creating an NSPOF cluster• managing disks in a cluster• workings with CDSLs• managing AdvFS in a cluster• managing LSM in a cluster
managing cluster aliases	<ul style="list-style-type: none">• understanding the cluster alias• routing for alias addresses• managing alias attributes• using service attributes• managing cluster aliases from the command line• managing cluster aliases from SysMan menu
troubleshooting TruCluster configurations	<ul style="list-style-type: none">• diagnosing hardware and firmware problems• event management system• error logs and system messages• cluster initialization messages• using system monitoring tools• solving TruCluster problems• configuring and managing a cluster• repairing a cluster that has lost quorum
using Oracle Parallel Server with TruCluster	
Upgrading to v5.1 TruCluster server	
high availability concepts	

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information**

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