

Dell PowerProtect Cyber Recovery Design and Administration

Course Description

Course Duration

3 Days

Overview

This course provides a comprehensive overview of Dell PowerProtect Cyber Recovery solutions, focusing on key concepts, features, management and troubleshooting. Participants will learn about key security considerations, as well as how to manage storage, applications and policies, copies, sandboxes, and Cyber Recovery operations using Dell PowerProtect Data Manager, Dell NetWorker, and Dell Avamar.

The course also covers important design, sizing, and hardening considerations, along with common limitations. In addition, learners will explore troubleshooting techniques, including Cyber Recovery problem identification, collecting log files, alerts, main system component issues, cause identification and possible resolutions.

Audience

This course is intended for individuals who require the skills needed to administrate a Cyber Recovery solution.

Prerequisite Knowledge/Skill

This course requires a basic understanding of Dell PowerProtect Data Domain system, Dell PowerProtect Data Manger, Dell NetWorker, and Dell Avamar.

Course Objectives

Upon successful completion of this course, participants should be able to:

- Explore the PowerProtect Cyber Recovery solution, its components, and processes.
- Perform PowerProtect Cyber Recovery administrative tasks.
- Run scheduled and on-demand backups for a variety of systems.
- Restore files using PowerProtect Cyber Recovery.
- Configure PowerProtect Cyber Recovery replication.

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- Utilize PowerProtect Cyber Recovery tools to perform system monitoring, maintenance, capacity management, and troubleshooting.
- Examine software, server, network, storage, and physical environment design limitations and considerations.
- Perform troubleshooting tasks for PowerProtect Cyber Recovery issues.
- Locate logs and use monitoring tools that can be used to validate proper process and data flow.
- Analyze alerts and alert status.
- Locate CyberSense logs.

Course Outline

The content of this course is designed to support the course objectives.

- **Dell PowerProtect Cyber Recovery Concepts**
 - Introduction
 - Challenges with Security
 - Cyber Recovery Solution Overview
- **Dell PowerProtect Cyber Recovery Features**
 - Exploring PowerProtect Cyber Recovery
 - Explore Assets, Policies, and Copies
 - Secure and Monitor the Environment
 - Additional Attributes
- **Dell PowerProtect Cyber Recovery Design**
 - Designing the solution
 - Hardening the solution
- **Dell PowerProtect Cyber Recovery Administration**
 - PowerProtect Cyber Recovery Overview
 - Configure Storage and Applications
 - Manage Policies, Copies, and Sandboxes

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- Dell PowerProtect Data Manager Recovery
 - Dell NetWorker Recovery
 - Dell Avamar Recovery
 - Perform Administrative Actions
 - Security Configuration
 - Dell Apex Protection Storage All Flash for Cyber Recovery
 - Cyber Recovery in Sheltered Harbor
- **Dell PowerProtect Cyber Recovery Troubleshooting**
 - PowerProtect Cyber Recovery Troubleshooting Overview
 - PowerProtect Cyber Recovery Services and Monitoring
 - Troubleshooting PowerProtect Cyber Recovery

In addition to on-demand learning content, this course includes labs designed to allow practical experience for the participant

Course Delivery Modes and Product Version Information

Refer to the **Product Version Description** document for a list of Delivery Modes and product versions covered by this course.

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