



Integrated Data Protection Appliance DP4400 Test Drive™ for Technical Decision Makers

IDPA-TD

Length: 1-day

Format: Lecture/Lab

Course Description

The backup and recovery landscape have been relatively stable for many years. However, distributed workloads, virtualization, regulatory compliance and data growth have drastically changed the requirements for effective data protection. This often leads to requiring more than one backup solution to protect specific workloads. Legacy backup solutions may not meet the needs for modern data protection, wasting time, money and productivity.

Companies typically deploy several point-products to achieve full data protection. Technical shortcomings lead to inconsistent backup, recovery, and verification of backup success. Finding the backup data can also be difficult due to the volume of information. Most new products only address a single pain-point. How can the modern IT professional take control of data protection? The Dell EMC IDPA Test Drive describes how Dell EMC is shaking up this world with a new line of products to solve these challenges. Participants will understand how simple and easy it is to use the solution and how it can solve basic business challenges today. Deduplication of the protected data, simple search and restore operations, as well a simple interface to natively manage local and remote copies of the data. This solution is fully integrated, providing both the data protected and the management of the protected data inside of a single appliance.

The Test Drive includes not just a group discussion and use cases but also a range of hands-on activities that allow you to experience the product and understand the relevance to your organization.

Prerequisites

Familiarity with data center design, x86 servers, and backup solutions and an understanding of basic business continuity and disaster recovery principles

Who Should Attend

End user technical decision makers and solution architects who are responsible for storage and data protection recommendations or procurement.

Learning Objectives

- Review the data protection challenges in today's data center and the Dell EMC strategy to solve them
- Discuss the TCO and ROI of the IDPA DP4400 solution
- Describe the features, including management, search and recovery, and cloud integration of the DP4400 and why they are important
- Explain using IDPA on premises and in the cloud
- Describe the ease of use and deployment features
- Describe the embedded technologies (including Data Domain and Avamar) and how they are integrated into a single solution
- Explain what the Future Proof Loyalty program is and why it is of value



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Lessons

Lesson 1: IDPA Overview and Value Proposition

- Data Center Challenges with Data Protection and the Solutions Offered by the Dell EMC Data Protection Strategy
- Easy Deployment and Upgrades
- Deduplication and Purpose-Built DP File System
- Total Cost of Ownership/ Return on Investment

Lesson 2: Implementation and Features

- Comprehensive Application Integration
- Ease of Deployment and Scaling
- Ease of Management
- Reporting and Alerting
- Search and Recovery
- Cloud Integrated
- Cloud Tier
- Cloud DR

Lesson 3: Hardware and Deployment

- Hardware
- Networking

Lab

IDPA Management v2.3

Module 1: View the Management Structure

Module 2: System Management

Module 3: Restore and Search Image Level Backups