PowerMax and VMAX All Flash Performance (PMWAFP)

ID PMWAFP **Prix** US $ 3 300,– (Hors Taxe) **Durée** 3 jours

A qui s'adresse cette formation

This course is intended for Dell Technologies Personnel, Partners, and Customers to assist in troubleshooting and managing the performance of PowerMax and VMAX All Flash arrays.

Pré-requis

Participants should have a good understanding of PowerMax and VMAX All Flash array architecture, configuration, and components. Familiarity with features such as Service Level based provisioning, SRDF, and TimeFinder SnapVX is expected. Basic knowledge of Unisphere for PowerMax for management and monitoring of arrays is required.

Objectifs

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

- Identify best practices for optimal performance of PowerMax and VMAX All Flash arrays
- Monitor and analyze performance of arrays using Unisphere for PowerMax
- Illustrate the correlation between workloads and Service Levels, and how they affect performance
- Devise a strategy to analyze key metrics to investigate performance issues and provide remediation recommendations
- Apply analysis information to future planning

Contenu

Array Architecture

- Architecture and configurations
- Features
- Best practices

Performance Analysis Basics

- Methodology
- Measurements
- Workload profiles and characterization

Performance Analysis with Unisphere for PowerMax

- Administrative Tasks
- Monitoring performance
- Performance reports
- Offline Performance Viewer

Performance Analysis of Front-End

- Front-End metrics and analysis strategy
- Storage Group planning

Performance Analysis of Cache

- Overview of cache
- I/O flow
- Cache performance analysis strategy

Performance Analysis of Back-End

- Back-end overview
- Back-end metrics and analysis strategy
- Data Reduction

End-to-End Analysis

TimeFinder and SRDF

- SRDF considerations and performance analysis
- TimeFinder SnapVX considerations

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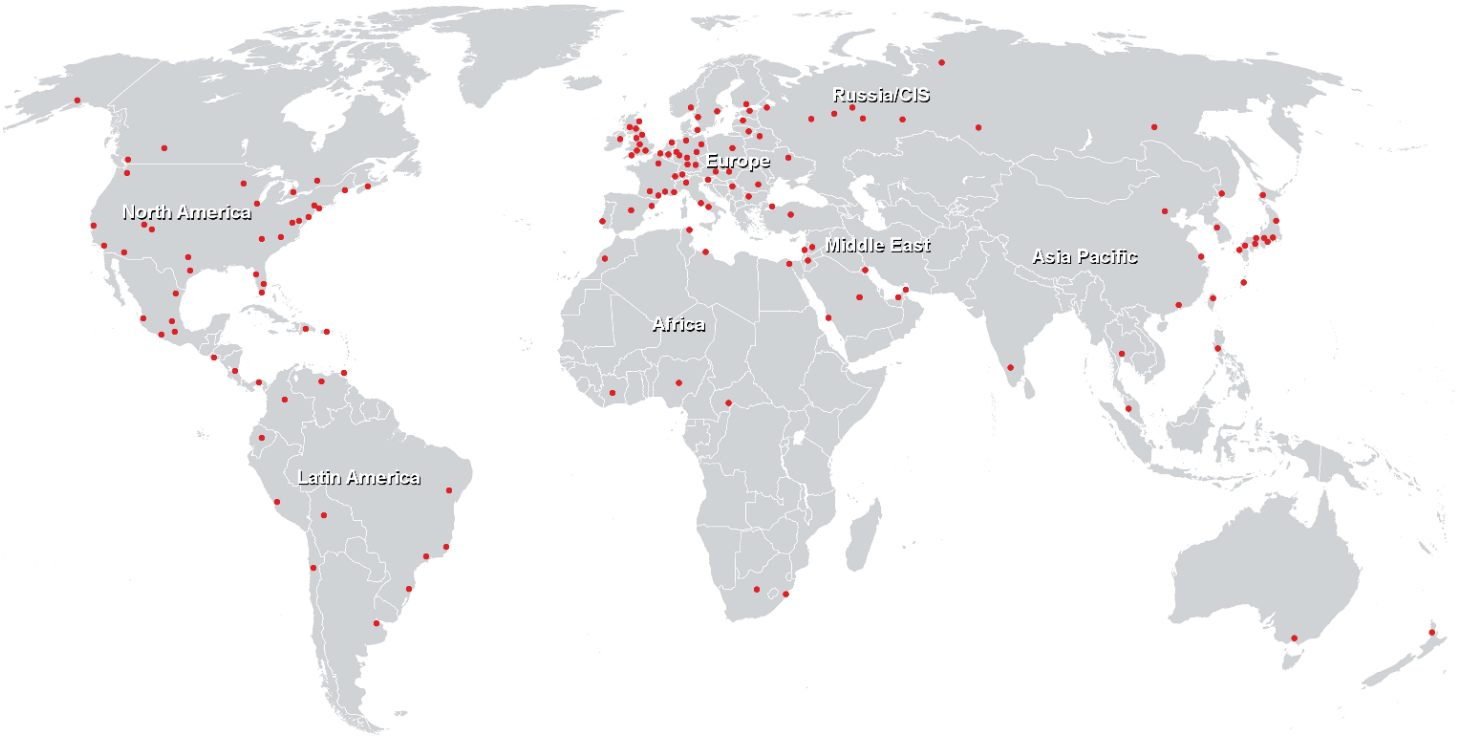

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