PowerScale Administration (ISIAM)

ID ISIAM **Prix** CHF 4 990,– (Hors Taxe) **Durée** 5 jours

A qui s'adresse cette formation

This course is intended for Dell Technologies partner and customer personnel involved with the administration of PowerScale solutions

Pré-requis

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set. The student must understand :

- PowerScale Concepts (Course ID: ES131STG01028)
- PowerScale Implementation
- Networking fundamentals such as TCP/IP, DNS and routing

Objectifs

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

- Understand the PowerScale cluster architecture
- Explain the building blocks of a PowerScale cluster and different types of access to the cluster
- Navigate the details of client and file access
- Configure OneFS features
- Utilize the tools to perform cluster monitoring

Contenu

• Module 1 – NAS, PowerScale, and OneFS

- NAS
- PowerScale Hardware
- OneFS Management Interfaces
- Common Cluster Operations
- OneFS Directory Structure

• Module 2 – Networking

- Authentication Providers
- Access Zones
- Groupnets
- Subnets – SmartConnect Zones
- IP Address Pools

• Module 3 – Configuring Identity Management and Authorization

- Role-Based Access Control
- User Identity Management
- Authorization

• Module 4 – Configuring Client Access to Data

- OneFS Caching
- Configuring SMB Shares
- Configuring NFS Exports
- Configuring S3 Buckets

• Module 5 – Foundations of Data Protection and Layout

- File Striping
- Data Protection
- Protection Management
- Data Layout

• Module 6 – Configuring Storage Pools

- Storage Pools
- File Pools
- SmartPools
- CloudPools

• Module 7 – Configuring Data Services

- File Filtering
- SmartQuotas
- Deduplication (SmartDedupe)
- SnapshotIQ
- SyncIQ
- SmartLock

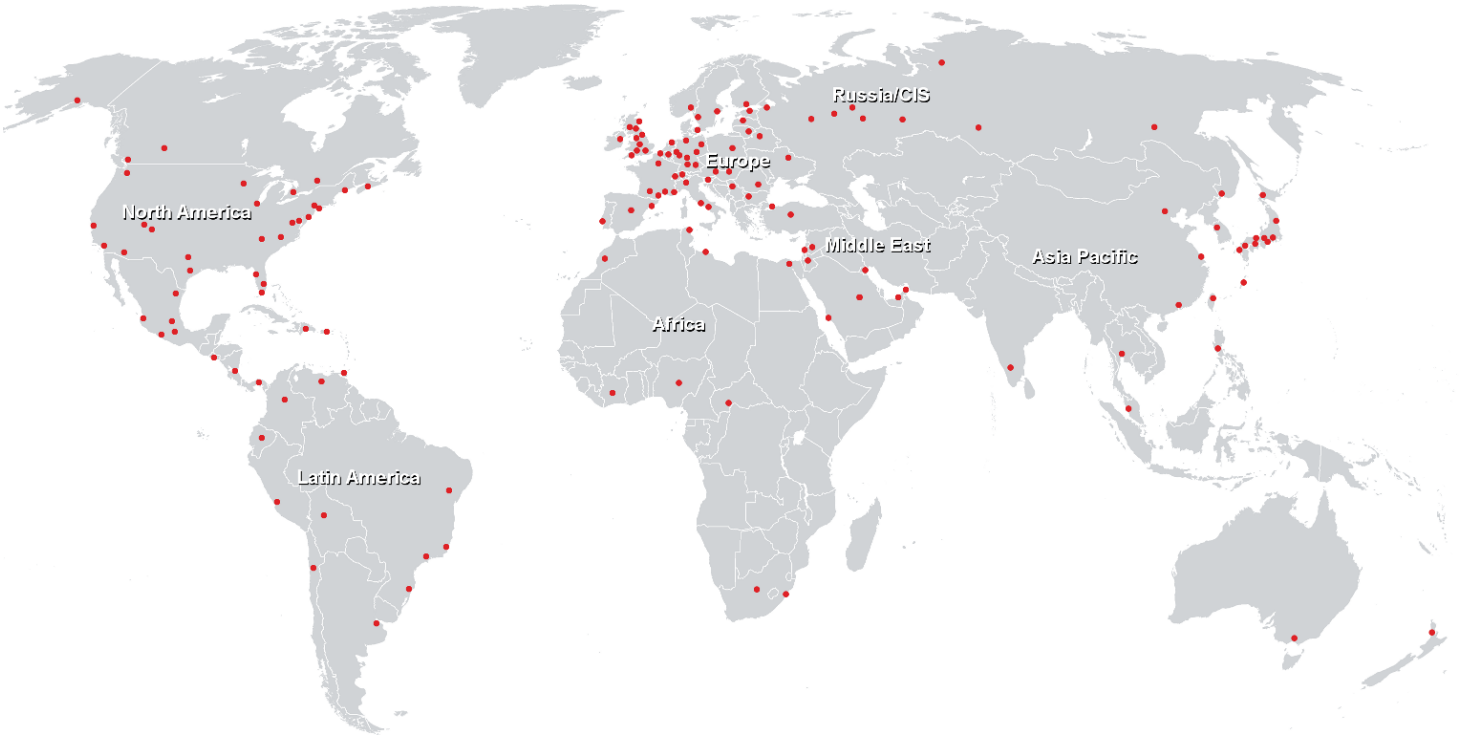
• Module 8 – Monitoring Tools

- PowerScale HealthCheck

- DataIQv1
- InsightIQ
- isi statistics

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