PowerStore Administration and Replication (PSAR)

ID PSAR **Price** US $ 2,000.—(excl. VAT) **Duration** 2 days

Who should attend

This course is intended for professionals positioning, designing, deploying, managing, and supporting a solution using PowerStore systems.

Prerequisites

To complete this course, participants must possess knowledge of:

- Hardware concepts and technologies used in customer environments, such as compute nodes, servers, network, and basic storage system infrastructures
- Software technologies used in customer environments, such as end-user applications, databases, operating systems
- Ethernet and TCP/IP networking, including switch management, VLANs, IP addressing, and routing
- Basic Microsoft Windows user, file, and domain administration
- Basic Unix/Linux user and file management
- Fiber Channel Storage Area Networks, including zoning, WWNs, LUNs, and masking
- Basic backup and recovery terms and techniques

Course Objectives

Upon completion of this course, professionals are able to:

- Add, manage, and remove PowerStore users
- Attach, edit, and remove hosts
- Create and manage volumes and volume groups
- Migrate volumes
- Configure and manage local data protection, data efficiency, and data encryption
- Create and modify replication policies and rules
- Manage replication operations, including failover, synchronization, pause, and resume
- Configure and administer metro volumes
- Integrate PowerStore with VMware SRM
- Troubleshoot vVol replication

Course Content

The content of this course is designed to support the course objectives. Practical experience is included throughout the course.

User Management

- User management
- Managing PowerStore user
- Adding, managing, and removing PowerStore users

Host Management

- Manage hosts and host groups
- Attaching, editing, and removing hosts

Volume Management

- Manage volumes and volume groups
- Creating and managing volumes and volume groups
- Migrating volumes

Data Protection and Efficiency

- Local data protection
- Data efficiency in PowerStore
- Data encryption
- Configure and manage local data protection, data efficiency, and data encryption

Replication

- Replication concepts and techniques
- Configure replication
- Replication setup - workflow
- Tag ports for replication
- Replication data network
- Create a remote system connection
- Create a protection policy to a volume
- Assign the protection policy to a volume
- Verify the inbound replication details and inbound volumes
- Verify contents of inbound replication volume

Block Volume Replication

- Manage replication, failover, planned failover,

synchronization, pause and resume, and remove
- DR failover test

NAS Server Replication

- NAS server replication
- Async replication for NAS servers
- Async replication requirements
- Configure file mobility network
- Create remote system
- Replication operations
- Modify destination NAS server
- Clone destination NAS server

vVol Asynchronous Replication

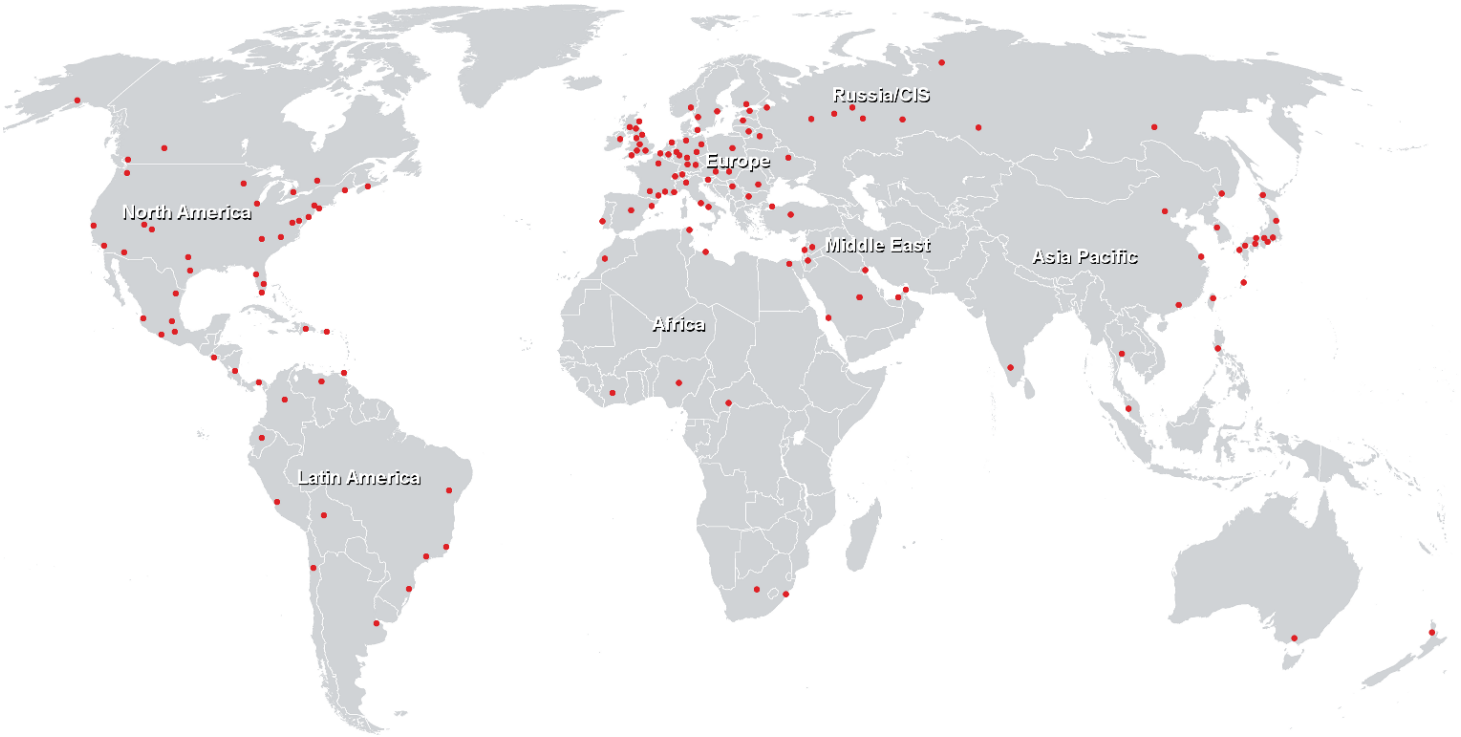
- vVol asynchronous replication
- PowerStore integration with SRM
- PowerStore configuration requirements for vVol replication
- Troubleshooting vVol replication

Metro Volumes

- Configure metro volumes
- PowerStore metro volume introduction
- Metro volume operations
- Administer metro volume states

PowerStore Administration and Replication (PSAR)

Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch