

PowerScale Advanced Administration – Monitoring and Maintenance

Course Description

Course Number

ESSTGS08431

Course Duration

2 Days

Product Version

PowerScale Gen 6x
and OneFS 9.0.0

Delivery Mode

Classroom | Virtual
Classroom

Overview

This course provides an experienced Dell PowerScale Administrator, advanced information about system diagnostics and performance optimization. The course provides the expertise necessary for an Administrator about the implementation of best practices to avoid common issues, and the ability to quickly diagnose the source of issues and work efficiently with PowerScale support resources. The course emphasizes practical troubleshooting, log analysis, and health monitoring, empowering administrators to maintain cluster efficiency and resilience.

Audience

This course is intended for all audiences.

Prerequisite Knowledge/Skills

To understand the content and successfully complete this course, a student must have a suitable working knowledge of the following:

- Networking fundamentals such as TCP/IP, DNS and routing
- PowerScale hardware troubleshooting and maintenance procedures
- PowerScale Concepts Course
- PowerScale Administration Course

It is recommended to complete the PowerScale Advanced Administration – Features and Services (ESSTGS08430) course before enrolling for this training.

Course Objectives

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

- Configure cluster monitoring and reporting features
- Understand the OneFS Job Engine
- Perform performance analysis
- Optimize and troubleshoot identified issues in the cluster

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Course Outline

The content of this course is designed to support the course objectives. Practical experience is included throughout the [course|module|topic].

- Module 1 – OneFS Job Engine
 - Job Engine Architecture
 - Job Types, Priority, and Impact
 - Job Engine Management
- Module 2 – Reporting
 - Events and Alerts
 - Log Files
 - Notifications
 - Protocol Auditing
 - SNMP
- Module 3 – Performance and Monitoring
 - HealthCheck
 - Performance Foundation
 - Performance Analysis
- Appendix

In addition to lecture and demonstrations, this course includes labs designed to allow practical experience for the participant.

Proven Professional Certification Information

Industry-recognized certifications designed to validate skills across modern technology domains and roles. For more information visit - [Dell Certifications | Career-Boosting IT and Tech Certifications | Dell Learning](#).

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