The Cohesity Platform Administration Class is a one-day technical class, focused on teaching Cohesity administrators topics regarding use cases, features, and operational workflows.

The course is structured to be flexible to match use-cases a customer may encounter. This course is designed for students who have completed the Cohesity Data Protection Operations course and requires that they have previous experience with Cohesity.

Topics covered include Licensing, Networking, Access Management, Upgrades, Helios SaaS Management, Cohesity Marketplace, Disaster Recovery, Monitoring & Reporting.

### Course Objectives
- Perform cluster maintenance activities like software upgrade and patching
- Perform multi-cluster administration operations
- Understand Cohesity troubleshooting tools
- Create built-in and custom reports
- Control access to your Cohesity cluster using roles and other security features
- Deploy and manage Cohesity Marketplace apps
- Automate and orchestration DR

### Prerequisite Skills
- Prior experience with the Cohesity platform
- Prior experience performing backup, recovery tasks, and/or SmartFiles operations
- Basic System Administration skills (Linux, Windows)
- Basic Computer Networking skills

### Intended Audience
- Backup Administrators
- NAS/Storage Administrators
- Cohesity Administrators
- System Administrators

### Key Benefits
- Understand individual cluster and multi-cluster administrative tasks
- Demonstrate maintenance workflows
- Perform Disaster Recovery activities
- Analyze data from reporting and troubleshooting tools

### Platform Management
- Multi-Cluster Management
  - Manage multiple Cohesity clusters through Helios SaaS
  - Helios Mobile App

### Disaster Recovery and Long-Term Retention
- CloudArchive
- CloudRetrieve
- Replication
- DR Automation

### Maintenance
- Software Release life-cycle
- Upgrade & Patch
- Pre-Upgrade Checks
- Node/Cluster Operations
  - Homogeneous vs Heterogeneous clusters
  - Node add/removal

### Course Syllabus
**Course Introduction**
- Course Overview
- Lab Environment Overview
Monitoring & Troubleshooting

- Reporting
- Alerting
- Auditing
- Storage utilization monitoring
  - Capacity prediction
  - Data Retention Management
- Performance monitoring
- Collect diagnostic information

Close and Q&A

- Questions and Answers
- Survey Completion

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