

HPE Ezmeral Data Fabric



Online Course

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Course Modules

1. Software-defined storage and data analytics solution

- o Types of storage workloads
- o Distributed file systems, big data analytics, event streams, databases
- o Object storage workloads
- o Storage solutions (SAN, NAS) and purpose-built systems
- o Client-side protocols and interfaces to software-defined storage
- o Competitive comparison (Databricks, Cloudera, MinIO)

2. Introduction to HPE Ezmeral Data Fabric

- o Challenges related to storing data in data-driven enterprise
- o How HPE is addressing these challenges
- o Components of the HPE Ezmeral Data Fabric
- o File Store, Object Store, Database and Streams
- o Kubernetes related functionality
- o Analytics (Hadoop, Spark)
- o Security concepts in HPE Ezmeral Data Fabric
- o Data masking, ACE and Kerberos
- o High-availability concepts in HPE Ezmeral Data Fabric
- o Ezmeral Ecosystem Packs
- o Licensing options



HPE Ezmeral Data Fabric



3.Planning the HPE Ezmeral Data Fabric

- o Hardware requirements
- o Planning the cluster and its nodes
- o How licensing affect design
- o Planning for security
- o Planning the solution for high-availability

4.Implementing HPE Ezmeral Data Fabric

- o Deployment models of HPE Ezmeral Data Fabric
- o HPE Ezmeral Data Fabric implementation
- o Installing core and ecosystem components
- o Installing the HPE Ezmeral Data Fabric File Store
- o Installing the HPE Ezmeral Data Fabric Object Store
- o Installing Kubernetes Interfaces for Data Fabric
- o Upgrade process, Upgrading Core, Upgradg Ecosystem Pack
- o Migration process from Apache Hadoop
- o Accessing HPE Ezmeral Data Fabric
- o Set up the Control System



HPE Ezmeral Data Fabric

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5.HPE GreenLake for Data Fabric

- o HPE GreenLake platform
- o HPE GreenLake cloud service offering data fabric
- o Use cases for HPE GreenLake for Data Fabric
- o Migrations to and from cloud environments

6.Administering HPE Ezmeral Data Fabric

- o HPE Ezmeral Data Fabric
- o Cluster and nodes, User management
- o Volumes, Files, and directories
- o Tables, Streams and Buckets
- o Monitor the HPE Ezmeral Data Fabric solution

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7.HPE Ezmeral Data Fabric maintenance and troubleshooting

- o Maintenance operations
- o Patching, Upgrading and Backup
- o Troubleshoot HPE Ezmeral Data Fabric
- o Object Store, File Store, Cluster
- o Monitoring and troubleshooting features of Grafana & Kibana

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in terms of time management,
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**For contact: +91 8680961847
+91 9600579474**

