

Koenig Course for NetApp Certified Data Management Administrator (NCDA)

Storage Platforms

- Describe knowledge of physical storage systems.
- Describe software-defined on-premises or cloud storage systems.
- Describe how to upgrade or scale ONTAP clusters.

Core ONTAP

- Describe ONTAP system management.
- Describe high availability concepts.
- Describe how to manage Storage Virtual Machines (SVM).

Logical Storage

- Describe how to use logical storage features.
- Describe NetApp storage efficiency features.
- Describe NetApp ONTAP Data Fabric solutions.

Networking

- Describe how to use network components.
- Demonstrate knowledge of how to troubleshoot network components.

SAN Solutions and Connectivity

- Describe how to use SAN solutions.
- Demonstrate knowledge of how to troubleshoot SAN solutions.

NAS Solutions

- Describe how to use NAS solutions.
- Demonstrate knowledge of how to troubleshoot NAS solutions.

Data Protection

- Describe how to use ONTAP data protection solutions.
- Describe how to use SnapMirror.
- Identify MetroCluster concepts.

Security

- Describe protocol security.
- Describe security hardening.
- Describe in-flight or at rest encryption.
- Identify SnapLock concepts.

Performance

- Demonstrate knowledge of how to administer ONTAP performance.
- Demonstrate knowledge of how to troubleshoot storage system performance