

COURSE DESCRIPTION / INSTRUCTOR-LED

Pure Storage Certified Data Storage Associate Capstone

Gain knowledge and operational skills about data and storage from an industry and technology perspective. This course helps prepare you to successfully complete the Pure Storage Certified Data Storage Associate exam. From there, you can progress to a Pure Storage Certified Professional or Specialist, focusing on administration and design of specific Pure Storage products, technologies, and solutions.

Course Benefits

Created for individuals that want to administer storage and data, the Pure Storage Certified Data Storage Associate proves that you have the networking, virtualization and containers, storage, cloud, data protection, and host knowledge to operate industry-recognized storage technology and solutions. You'll learn how these technologies, provided by Pure Storage and other vendors, work together to provide a complete enterprise application and data solution. Upon completion of this course, you'll have the confidence to register for and complete the Pure Certified Data Storage Associate exam.

Course Outline

In this course you will learn:

Introduction to Data Storage

- Common Components in a Data Center
- Role of the Pure Certified Data Storage Associate

Virtualization and Cloud

- Cloud Definition with Common Use Cases
- Role of Virtualization within a Cloud
- Containers and their Use for Applications in a Cloud
- Enterprise Cloud Needs and Supporting Technologies
- Cloud Automation and Orchestration within the Data Center



Duration

ILT – 4 days
vILT – 5 days (6 hours)



Intended Audience

Customer, Partner



Course Type

Instructor-Led



Lab

Virtual



Recommended Next Steps

Data Storage Associate Exam

COURSE DESCRIPTION

Hosts

- Basic Host Components
- Data Center Host Types
- Host Storage Protocols
- Host Virtual Machines
- Host-based Multipathing
- Connecting Storage to Hosts

Storage

- Storage Media Types and Uses
- Levels of Storage and Their Uses
- Types of Flash Storage Arrays and Typical Components
- Redundant Array of Independent Discs (RAID)

- Erasure Coding

Networking

- Data Center Networking Protocols, Components, and Topologies
- Virtualization in the Network
- Network-based Multipathing
- Storage Area Networking (SAN) Discovery

Data Protection and Security

- Data Center Data Protection
- Methods to Mitigate Down Time and Data Loss
- Data Center Security Threats and Protection Methods

Prerequisites

- There are no prerequisites to this course.

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