

Course description / Instructor-led and On-demand

Pure Certified Data Associate Prep

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 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 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 & Cloud

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

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 & Uses
- Levels of Storage & Their Uses
- Types of Flash Storage Arrays & Typical Components
- Redundant Array of Independent Discs (RAID)
- Erasure Coding

Networking

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

Data Protection & Security

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



Intended Audience

- New & Experienced IT Professionals



Course Type

On-demand, vILT, ILT



Duration

- ILT: 2 Days
- VILT: 2 Days (6 Hours/Day)
- On-demand: 5 Hours



Labs

- Virtual



Recommended Next Steps

- Study for and take the Pure Certified Data Storage Associate Exam

Note: Successful completion of this course does not guarantee that you will pass the exam.



What is the Pure Skill subscription offering?

Pure Skill is our new education and training subscription that bundles both existing and new PEAK offerings. Our new subscription model is designed to enhance your experience by offering a comprehensive bundle of education and learning resources. This service aims to support you throughout your learning journey with us, empowering you with the knowledge and skills to fully leverage the Pure Storage platform. Our goal is to build a community of knowledgeable champions, while ensuring you receive maximum value from our solutions.

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