

Omniassa App Volumes™: Install, configure, and manage



Course duration

Three (3) days of
instructor-led training

Capture once. Deliver anywhere. Roll
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Delivered by an Omniassa Certified Instructor, the App Volumes: Install, Configure, and Manage course teaches IT professionals to package, deliver, and maintain applications across virtual desktops, RDSH, physical endpoints, and the cloud. Learners will also gain hands-on skills in application lifecycle management, automation, and troubleshooting through labs and interactive lectures.

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Course objectives

- Explain App Volumes, its core concepts and benefits, and how it fits in within Horizon and other EUC platforms.
- Describe the App Volumes architecture and components, deployment, and scaling concepts required to plan an implementation.
- Install and configure the App Volumes Manager, including prerequisites, database setup, and post-installation configuration.
- Install, configure, and validate the App Volumes Agent on managed and standalone endpoints.
- Prepare and stage a packaging machine using the App Volumes Agent or App Volumes Tools.
- Explain the Application-Package-Program hierarchy and locate their properties in the App Volumes Manager admin console.
- Capture, convert, and deliver application packages using GUI and CLI methods, including format conversions.
- Configure, assign, and validate Writable Volumes to persist user-installed applications and profile data on non-persistent desktops.
- Administer and deliver App Volumes VHD and MSI packages to physical Windows endpoints using Workspace ONE UEM or App Volumes Manager.
- Deploy and integrate App Volumes with Horizon Cloud, Azure Virtual Desktop, and the Azure/AWS marketplaces.
- Monitor App Volumes health and troubleshoot common deployment and operational issues.

Target audience

- IT professionals responsible for planning, deploying, and managing application delivery with Omniassa App Volumes across virtual, physical, and cloud-hosted Windows environments.

Course delivery options

- Instructor-led in person and online
- On demand, self-paced featuring our top instructors

Recommended Prerequisites

- Understand fundamental Windows administration and infrastructure concepts
- A working knowledge of Horizon 8 or another EUC/VDI platform and a background in End-User Computing

Technical requirements

- Bring a full-size laptop. A secondary device is recommended for reading and lab materials, which are only delivered electronically. Add US keyboard mapping to your devices.

Mapped certification

- Omniassa Certified Administrator - Horizon

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Course modules

1 Course introduction

- Introductions and course logistics
- Course objectives

2 App Volumes overview

- App Volumes overview
- App Volumes benefits
- Understand application lifecycle management
- App Volumes use cases
- Published Apps on Demand
- App Volumes platforms support
- App Volumes package delivery models

3 App Volumes architecture

- App Volumes architecture
- Scaling App Volumes
- App Volumes deployment options
- App Volumes packages
- Managing physical Windows endpoints

4 Deploying the App Volumes Manager

- Prerequisites for App Volumes Manager installation
- App Volumes Manager installation
- App Volumes Manager configuration
- App Volumes Manager admin UI

5 Deploying the App Volumes Agent

- Prerequisites for App Volumes agent installation
- App Volumes agent install, configure, and validate

6 Preparing the packaging machine

- Packaging virtual machine
- Preparing a packaging machine
- Staging the packaging VM using the App Volumes agent
- Staging the packaging VM using the App Volumes Tools

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Course modules (continued)

7 Overview of Applications, Packages, and Programs

- Applications, Packages, and Programs
- Explore Applications, Packages, and Programs

8 Working with Applications, Packages, and Programs

- Prepare for package capture
- Application capture (GUI method)
- Application capture (CLI method)
- Convert VMDK > VHD | VHD > MSI
- Package delivery to Windows endpoints

9 Writable Volumes

- Writable Volumes overview
- Writable Volumes configuration
- Writable Volumes validation

10 App Volumes for physical Windows endpoints

- Application lifecycle management for physical endpoints
- Administration of App Volumes VHD and MSI packages
- MSI package delivery using WS1 UEM
- MSI package delivery using App Volumes Manager

11 App Volumes supported platforms

- App Volumes with Horizon Cloud
- App Volumes from the Azure Marketplace
- App Volumes integration with AVD
- App Volumes from the AWS Marketplace

12 Monitoring and troubleshooting

- Monitor App Volumes
- Troubleshoot App Volumes deployments
- Troubleshoot App Volumes operations



Omniassa
App Volumes

If you have questions or need help registering for this course, email learning_support@omniassa.com.