APPLIED TECHNOLOGY ACADEMY

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Omnissa Horizon 8: Install, Configure, Manage Training

VMware Authorized Training · Applied Technology Academy

This five-day, hands-on training course provides the knowledge and practical skills required to deliver virtual desktops and applications through a single virtual desktop infrastructure (VDI) platform. Students will learn to install, configure, and manage VMware Horizon® 8, including virtual machines, pools, application management, and security. The course covers best practices for managing and scaling a Horizon environment in an enterprise setting.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Intermediate	**5 Days**	**Horizon & vSphere administration experience**	**$130,000**	**Yes**

Course Overview

Horizon is now an Omnissa product. VMware's end-user computing portfolio moved to Omnissa, and the course is published as "Horizon 8: Install, configure, and manage" (five days). ATA delivers it as an Omnissa-aligned course.

- Experience with VMware vSphere, VMware vCenter Server, and virtual
- machines
- Familiarity with Microsoft Windows Server and Active Directory
- Understanding of basic networking and storage concepts

Course Outline

- **Module 1: Course Introduction**
  - Introductions and course logistics
  - Course objectives
- **Module 2: Introduction to VMware Horizon**
  - Overview of Horizon 8 architecture and components
  - Key features and benefits of desktop and application virtualization
  - Connection Server, Composer, and Horizon Agent roles
- **Module 3: VMware Horizon Architecture and Components**
  - Horizon Client options and supported platforms
  - Unified Access Gateway and security considerations
  - Load balancing and high availability

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- **Module 4: Installing and Configuring Horizon Server Components**
  - Installing and configuring Horizon Connection Server
  - Installing Horizon Agent and Horizon Client
  - Configuring certificates, licensing, and directory integration
- **Module 5: Creating and Managing Virtual Desktops**
  - Desktop pool types: manual, automated, and instant clone
  - Using VMware vSphere to create desktop VMs
  - Managing desktop pool assignments and entitlements
- **Module 6: Instant Clones and Smart Provisioning**
  - Overview of instant clone technology
  - Configuring and deploying instant clone pools
  - Managing image updates and pool maintenance
- **Module 7: Delivering Applications with Horizon**
  - Application publishing with RDS hosts
  - Managing RDSH farms and application pools
  - Application delivery and entitlement options
- **Module 8: Managing User Experience**
  - Configuring user environment settings and policies
  - Managing profiles with Dynamic Environment Manager (DEM)
  - Optimizing user sessions and desktop performance
- **Module 9: Securing VMware Horizon**
  - Configuring security server and Unified Access Gateway
  - Implementing authentication methods
  - Best practices for Horizon security and compliance
- **Module 10: Monitoring and Managing Horizon Environment**
  - Monitoring tools and dashboards in Horizon Console
  - Horizon Help Desk Tool and session management
  - Performance metrics and logging
- **Module 11: Maintenance and Troubleshooting**
  - Common configuration and deployment issues
  - Troubleshooting connection and display problems
  - Best practices for patching and updating Horizon components
- **Module 12: Advanced Features and Integrations**
  - Integrating Horizon with VMware App Volumes
  - Using Workspace ONE for identity and access management
  - Managing hybrid and cloud-hosted Horizon deployments

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Intended Audience

- VDI Administrators and Engineers who deploy, maintain, and troubleshoot VMware Horizon environments.
- System Administrators responsible for desktop and application delivery in a virtualized environment.
- VMware Consultants involved in designing and implementing application and profile management solutions.

Prerequisites

- Experience with VMware vSphere, VMware vCenter Server, and virtual
- machines
- Familiarity with Microsoft Windows Server and Active Directory
- Understanding of basic networking and storage concepts

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.