APPLIED TECHNOLOGY ACADEMY

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VMware App Volumes & Dynamic Environment Manager Training

VMware Authorized Training · Applied Technology Academy

This course provides hands-on training for VMware App Volumes and VMware Dynamic Environment Manager (DEM). Participants will learn to manage application delivery and user environment settings efficiently across virtual desktop infrastructures. The course covers installation, configuration, application and user profile management, and best practices for scaling, monitoring, and troubleshooting in enterprise environments.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Intermediate	**3 Days**	**VMware Horizon 7 or 8**	**$155,000**	**Yes**

Course Overview

- Deploy and configure VMware App Volumes and DEM components
- Manage application delivery and lifecycle with App Volumes
- Configure user profiles, policies, and personalization with DEM
- Monitor, maintain, and troubleshoot App Volumes and DEM environments
- Integrate App Volumes and DEM with VMware Horizon deployments

Course Outline

- **Module 1: Course Introduction**
  - Introductions and course logistics
  - Overview of course objectives
- **Module 2: Introduction to App Volumes**
  - App Volumes architecture and components
  - Understanding writable volumes and AppStacks
  - Benefits of application layering
- **Module 3: Installing and Configuring App Volumes**
  - Deploying App Volumes Manager and agents
  - Configuring storage, assignments, and application packages
  - Integrating App Volumes with Horizon
- **Module 4: Application Management with App Volumes**
  - Creating and managing AppStacks
  - Assigning applications to users and groups
  - Managing application updates and lifecycle

- **Module 5: Introduction to Dynamic Environment Manager (DEM)**
  - DEM architecture and components
  - User environment management concepts
  - Benefits of profile and policy management
- **Module 6: Installing and Configuring DEM**
  - Installing DEM components and agents
  - Configuring Active Directory integration
  - Setting up configuration shares
- **Module 7: User Environment Management with DEM**
  - Creating and managing policies
  - Configuring application and desktop settings
  - Managing personalization, folder redirection, and dynamic configuration
- **Module 8: Monitoring and Troubleshooting**
  - Monitoring App Volumes and DEM performance
  - Troubleshooting common application and profile issues
  - Best practices for maintenance and scaling
- **Module 9: Advanced Features and Integration**
  - Integrating DEM with App Volumes and Horizon
  - Using advanced scripting and automation
  - Enterprise deployment and management considerations

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 Horizon 7 or 8
- Familiarity with Windows desktop administration and Active Directory
- Understanding of VMware vSphere and virtual desktop 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.