



Microsoft App-V 5 - App Virtualisation

Enhancing Application Packaging engineering knowledge and skills

MICROSOFT APP-V 5 – APP VIRTUALISATION

ABOUT THIS COURSE

This 3 day App-v training course will provide you with a complete understanding of the Microsoft App-V 5.0 application virtualisation technology to conduct packaging tasks confidently and effectively troubleshoot issues that may arise.

AUDIENCE PROFILE

Learn about some of the core features of App-V 5.0 to start you off on the right foot in gaining a complete understanding of the application virtualization technology such as the App-V File format, creating virtual applications with the App-V Sequencer and the App-V Client mechanics. Bring your own applications to package with App-V 5 during the training course.

COURSE CONTENT

Learn about some of the core features of App-V 5.0 to start you off on the right foot in gaining a complete understanding of the application virtualization technology such as the App-V File format, creating virtual applications with the App-V Sequencer and the App-V Client mechanics. Bring your own applications to package with App-V 5 during the training course.

USING THE APP-V 5.0 SEQUENCER

- We look at the App-V sequencing tool in detail so to familiarize you with the sequencing wizard options and enable you to automate and customize your packages confidently, Sequencer installation and Sequencing machine requirements
- App-V sequencer troubleshooting
- Sequencer options overview
- Create a new Virtual application package and use of Templates
- Modifying an existing package wizard walk-throughs
- Update Application in existing Package
- Edit Package
- Add New Application
- PowerShell Command line sequencing using Templates
- Editing shortcut data and file type customisation
- Understanding _deploymentconfig.xml and _Userconfig.xml files
- Understanding Machine scripts and user scripts.
- Detailed walk-through of the sequencer editing screen and its package modification capabilities
- Shortcut and file type association understanding and modification
- Working differences between the App-V package Root and VFS folders
- Practical
- Install and perform basic wizard based sequencing
- Perform automated sequencing using AppV templates
- Run through PowerShell command options for sequencing
- Create app-v package scripts to perform customisations
- Perform shortcut and file association modifications

UNDERSTANDING THE APP-V 5.0 CLIENT

- To help you troubleshoot issues in deployment of your packages, knowledge of how the App-V client is essential. Not only will you be able to perform your own independent tests for pre-release quickly but you will also be able to efficiently apply complex customisations to turn over packaging tasks in a quicker amount of time.
- About the App-V client cache mechanics which includes the Virtual file and Virtual registry.
- Learn App-V 5.0 logging interpretation both normal and advanced views
- Insight into the App-V client folder and registry cache locations
- App-V client Registry settings
- PowerShell commands options to Load, Publish and View data about the App-V Client cache
- Troubleshooting tools to help you diagnose issues and produce production packages quicker
- Best practices for smoke testing package creation before deployment to production
- Upcoming Service Pack 2 improvements
- Practical
- Load, publish and view multiple packages in cache
- Perform scripting tasks to modify Virtual file and virtual registry
- Using System and user environment variables
- Fixing file permissions
- Applying changes to the .appx manifest
- Perform package upgrades

INTRODUCTION TO APPV MANAGEMENT SERVER

- Requirements and Pre-requisites
- Hardware Requirements
- OS Requirements
- Negative Software Requirements
- Positive Software Requirements
- SQL Database Versions Supported
- Management Server Maintenance and Troubleshooting
- Management Server Registry
- Management Server Files
- Management Server PowerShell Interface
- Event Viewer
- Analytic and Debug Event Logs
- Debugging the Management Server
- Management Server Database Layout (Version 5.0.285)
- Package Management Using the Management Server

PRACTICAL EXERCISES:

- Sequencing standard, Addin Plugin and middleware applications with sample applications provided.
- Sequencing standard, Addin Plugin and middleware applications that you have brought in yourself to package.
- PowerShell scripting for App-V
- Loading and publishing packages created with the App-V client
- Troubleshooting failed packages. Work on the issues as a group or individually with the instructor.

SOME OF OUR CLIENTS

WE'VE trained individuals and teams from leading organisations with engineers of varying levels of **experience and skills**.



TRAINING RESOURCE PARTNERS

Our training material content and application packaging techniques demonstrated are in line with industry and vendor best practice.



**Our training is created with Application Packaging Engineers in mind.
Learn new skills and procedures to successfully complete more packaging tasks.**