

Application Virtualization with VMware ThinApp

Overview

This course will provide applications-oriented administrators with the knowledge and skills to virtualize Windows applications with VMware® ThinApp™, modify the `Package.ini` parameters to handle special circumstances, and choose the best deployment and updating processes for their environment.

Course Objectives

At the end of the course, you should understand the operation of ThinApp and be able to:

- Describe the major components of the ThinApp architecture
- Modify `Package.ini` parameters to increase the variety and complexity of applications that can be virtualized
- Use Application Link to dynamically link application components like Microsoft .NET to multiple applications
- Use Application Sync to update applications deployed from servers
- Troubleshoot problems with ThinApp packages

Target Audience

System administrators, application administrators, and solutions architects who need the knowledge and skills necessary for the successful deployment of virtualized applications

Prerequisites

Completion of the VMware View 4: Install, Configure, Manage course or the VMware ThinApp Fundamentals eLearning course.

Pricing and Scope

- One (1) day of instructor-led classroom training
- 60% lecture, 40% hands-on lab
- Individual enrollment available at convenient locations worldwide: <http://www.vmware.com/education>
- Contact your VMware representative for pricing information.
- Onsite training is available for companies that want the benefits of instructor-led classes without travel.
- Contact VMware Education to discuss facility requirements for onsite training at education@vmware.com.

Course Outline

Module 1: Course Introduction

Module 2: VMware ThinApp Architecture

- Architecture that supports a virtualized application
- Relationships between the ThinApp runtime, the virtual file system, and the virtual registry

Module 3: Packaging Applications

- Capturing and virtualizing an application

Module 4: Modifying Package.ini Parameters

- Entry points, access control, and isolation parameters
- The sandbox folder and the `sbsmerge.exe` utility

Module 5: Building Applications with Application Link

- Application Link features
- Application Link parameters in the `Package.ini` file

Module 6: Deploying and Updating Applications

- EXE files versus MSI files for local application deployment
- Streaming applications from servers
- Using the versioning model to update applications
- Using Application Sync to update applications

Module 7: Performance and Troubleshooting

- Performance considerations
- Troubleshooting ThinApp packages



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 www.vmware.com

© 2010 VMware, Inc. All rights reserved. This product is protected by U.S. and international copyright and intellectual property laws. This product is covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.

VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH ABOVE IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM, AND VMWARE DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO BY CUSTOMER BY VMWARE. VMWARE WILL NOT BE LIABLE FOR ANY LOST PROFITS OR BUSINESS OPPORTUNITIES, LOSS OF USE, BUSINESS INTERRUPTION, LOSS OF DATA, OR ANY OTHER INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING UNDER THIS AGREEMENT UNDER ANY THEORY OF LIABILITY, WHETHER BASED IN CONTRACT, TORT, NEGLIGENCE, PRODUCT LIABILITY OR OTHERWISE, REGARDLESS OF WHETHER VMWARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. VMWARE'S AGGREGATE LIABILITY UNDER THIS AGREEMENT WILL NOT, IN ANY EVENT, EXCEED THE FEES PAID BY CUSTOMER TO VMWARE UNDER THIS AGREEMENT. All materials provided under this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable internal company copies of any Workshop Materials strictly for the purpose of facilitating such company's understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If Customer issues a purchase order or other ordering document, the terms and conditions of which are in addition to or inconsistent with the terms and conditions of this Agreement, the terms and conditions of such purchase order or other ordering document will not be binding and will not modify this Agreement.