

The Definitive Guide to Vista Migrations — Revised Outline Take 3

By Danielle Ruest and Nelson Ruest

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Outline

Chapter 1: To Migrate or not to Migrate?

- What is Windows Vista and why should I Migrate?
- Compelling Vista Features for Users
- Compelling Vista Features for IT Pros
 - Overview of Windows Vista Migration Technologies
 - New Management Technologies
- Creating the Migration Business Case
 - Migration Strategies
 - Let's just install, users be damned!
 - Forklift Migrations
 - Hardware Refresh
 - Gradual Migrations
 - Carrier Projects, for example, IPv6 Migration
 - Making a case for a flexible infrastructure

Chapter 2: Planning the Migration

- Actual Migration Tasks
 - Hardware/Software Readiness Assessment
 - Personality Capture
 - Creating and Deploying Base Images
 - Application Packaging
 - Software Installation
 - Personality Restoration
 - Migration Status Reporting
- An Extended View of Migration Processes
 - Using the QUOTE© System
 - Questioning Phase — Problem Statement
 - Understanding Phase — Exploring the Impacts of Migration
 - Organization Phase — Preparing for the Migration

- Transfer Phase — Performing the Pilot Project, then moving on to Deployment
- Evaluation Phase — Moving on to Production and performing a project post mortem
- Creating a Migration Project Plan
 - Project Planning Considerations
 - Required Teams and Roles

Chapter 3: Creating the Migration Test Bed

- Relying on Virtual Machine Software
- Minimal Configurations for Testing
- Required Server and Workstation Roles
- Required Testing Levels
- Creating the Test Environments
- Strategies for Graduated Testing

Chapter 4: Building the Migration Toolkit

- Migration Guidance
 - The Microsoft Business Desktop Deployment 2007
 - Altiris Migration and Service Management White Papers
 - The LANDesk OS Migration Solution Brief
- The Vista Migration Toolkit
 - Inventory and Asset Management Tools
 - Personality Migration Tools
 - Operating System Imaging Tools
 - Application Compatibility Analysis Tools
 - Application Packaging Tools
 - Software Virtualization Tools
 - Operating System and Software Deployment Tools
- Making the Case for Extended, Lifecycle Management Systems
 - Taking Advantage of the Vista Migration to Implement Extended Toolkits

Chapter 5: Security and Infrastructure Considerations

- Inventorying the Network
 - Basic System Inventory
 - Detailed System Inventory
 - Validating Inventories
 - Preparing the Inventory Handoff
- Identifying the Migration Baseline

- Identifying Migration Scenarios
 - Upgrade
 - Refresh
 - Replace
 - Bare Metal Installation
- Security Considerations for Migration Projects
 - Required Access Rights for Team Members
- Infrastructure Remediation
 - Using the Migration to Update Infrastructure Components
 - Putting in Place a PC Management System
- Operations Readiness

Chapter 6: Preparing Applications

- Categorizing Applications
- Application Virtualization Options
 - Vista File and Registry Virtualization
 - SoftGrid Virtualization
 - Software Virtualization Solution
- Analyzing Application Compatibility
- Preparing for Enterprise Software Packaging
- Packaging Applications
- Building the Software Repository

Chapter 7: Kernel Image Management

- Using a System Construction Model: PASS
- Identifying Kernel Requirements
 - "Thin" versus "Thick" Images
 - Using a Single Worldwide Image
- Creating the Kernel Image
 - Using Sector-based Disk Images
 - Using File-based Images
 - Advanced Imaging Techniques
 - Injecting OEM Drivers
 - Offline Image Mounting
- Testing Image Validity
- Testing Image Deployment Options

- Finalizing the Image
- Image Handoff

Chapter 8: Working with Personality Captures

- Personality Capture Considerations
 - Profile Contents
 - Single Profile Captures
 - Multiple Profile Captures
- Working with Personality Captures
- Alternative Strategies for Profile Migrations
 - Folder Redirection
 - Roaming Profiles
- Finalizing the Personality Protection Strategy

Chapter 9: Putting it all Together

- Bringing the Teams Together
- Reviewing the Migration Workflow
 - Team Roles during the Migration
 - Team Interactions and Handoffs
- Performing an End-to-End Migration Test
 - Migrating the Proof of Concept Team
 - Reporting on Migration Processes
 - Migration Communications
 - Personality Capture
 - Operating System Replacement
 - Application Deployment
 - Personality Restore
 - Migration Training
 - Migration Support
 - Overall Migration Process
 - Validating Modifications to the Migration Process

Chapter 10: Running the Pilot Project, Final Deployment and Project Post Mortem

- Running the Pilot Project
 - Identifying Pilot Users
 - Initiating Communications
 - Pre-Migration Tasks

- Migration
- Post-Migration Tasks
- Reporting on Migration Processes
- Modifying Migration Processes (if Required)
- Performing the Final Deployment
- Project Handoff to Operations
- Project Post-Mortem
 - Costs versus Projections
 - Project Timelines
 - Future Evolution