

Automated Desktop Imaging

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Introduction

- Change from Novell to Windows network forced need to change image distribution software
- Existing system entirely manual and largely undocumented

Developing silent installs of software

- Includes the area of software packaging
- Install applications without requiring user input
- Ensures consistency of configuration each time application installed
- Reduces errors

Analysis

Deployment Tools & Techniques

- Replace Novell ZENworks with Altiris Client Management Suite
- Design Altiris implementation taking into consideration network infrastructure, Altiris server requirements, PXE requirements, required functionality, training requirements

Automated Image Testing

- Software on deployed image must work as users expect it to
- Testing includes, but not limited to, ensuring applications launch successfully, are configured according to teaching needs, have been registered or licensed if need be

Design

Deployment Tools & Techniques

- Replace Novell ZENworks with Altiris Client Management Suite
- Design Altiris implementation taking into consideration network infrastructure, Altiris server requirements, PXE requirements, required functionality, training requirements

Automated Image Testing

- Declare modules to be used
- Open file for writing results to
- Launch Quicken using the system function
- Pause the execution of quickenpl for 8 seconds to give Quicken time to launch
- If c:\quicken1.txt is not 0kb in size, write an error message to the results file and exit

- Otherwise look for the Product Registration Window and write error message to results file if found
- Call subroutine that looks for the Quicken New User Setup window
- Call subroutine that looks for the Quicken Tips window
- Call subroutine that looks for the main Quicken window
- Delete c:\quicken1.txt if it is 0kb in size
- Delete c:\quicken2.txt if it exists
- Close results file

Implementation

Deployment Tools & Techniques

- Replace Novell ZENworks with Altiris Client Management Suite
- Design Altiris implementation taking into consideration network infrastructure, Altiris server requirements, PXE requirements, required functionality, training requirements

Automated Image Testing

- Write Perl code that implements the designs previously produced

Conclusions and Summary

- Includes the area of software packaging
- Install applications without requiring user input
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- Reduces errors

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