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Summary

With over 12 years of current enterprise IT consulting experience, Willem is a skilled Information Systems architect. He has expertise in Active Directory Architecture, Exchange 2007, Group Policy, VMware, all Microsoft Operating Systems, vbScript development, Information Security and project management.

- Directory Architect, Active Directory 2008 redesign
- Project Lead, Exchange 2010 Migration
- Technical Lead, Exchange 2007 Migration
- Technical Lead, VMware server infrastructure migration
- Project Manager, HP Procurve Network core replacement
- Technical Lead, Windows 2008 Active Directory Upgrade
- Technical Project Manager, Exchange 2003 migration
- Infrastructure and System Engineer, \$5 mil. ERP deployment
- Systems Engineer, Exchange 2003 Inter-Organization Email Migration
- Architect & Project Manager, Windows 2003 \ Active Directory Upgrade
- Lead Engineer, SMS 2003 Implementation
- Technical Lead & Project Manager, Active Directory Analysis and Re-Design
- Performed multiple large Windows NT \ 2000 \ 2003 \ 2008 Active Directory Migrations
- Project Lead, VPN Implementation
- Lead Engineer, IBM Storage Area Network (SAN) implementation
- Project Manager, Network infrastructure implementation & upgrade
- Team Lead, Enterprise Wide Desktop Deployment
- Project Lead, Information Security Assessment

Certifications

- MCTS 2008 Active Directory
- MCSE on Windows 2003
- MCSA on Windows 2003
- MCSE on Windows 2000
- MCSE on Windows NT
- Symantec Certified Product Specialist
- A+ Certified Computer Technician

Professional Experience

Project Highlights

Directory Architect, Windows 2008 Active Directory Redesign

Assessed and redesigned the Active Directory implementation of a large state university to accommodate increased access to 3rd party systems. The redesign simplified management and reduced complexity in order to integrate with a significant population of external applications.

Client Profile: Large Regional University, 8,000 accounts

- Designed Active Directory
- Provided guidance and impact analysis of design changes
- Led implementation and provided troubleshooting.

Technical Project Manager, Exchange 2010 Implementation

Acting as the project lead and systems architect, I managed the implementation of a parallel Exchange 2010 environment with an Exchange 2007 platform. All hardware was virtualized and a SAN provided back end storage.

Client Profile: Large Regional University, 8,000 accounts

- Designed Exchange 2010 infrastructure
- Validated hardware and configuration specifications
- Secured environment and provided all network configuration
- Continued support of systems post implementation

Lead Engineer and Project Manager, Exchange 2007 Implementation

I led the implementation of Exchange 2007 as a replacement for iPlanet email. We migrated an academic community using a mixture of fixed and mobile clients. The scope of the project included the adoption of a new (and parallel legacy) namespace, network configuration, security configuration, anti-spam configuration and performance tuning. I designed, configured and maintained the Exchange 2007 environment.

Client Profile: Regional College, 6,000 accounts

- Designed Exchange 2007 infrastructure
- Configured and deployed servers and roles
- Configured anti-spam and anti-virus (AV) applications
- Continued support of systems post implementation

Systems Engineer, Exchange 2003 Inter-Organization Email Migration

The project encompassed collapsing multiple Exchange 5.5 sites and one Exchange 2003 organization into a multi-tenant hosting environment utilized Active Directory and Microsoft Provisioning Services (MPS). The solution allowed the merging of separate international companies into one while seamlessly retaining all mail, calendaring and public folders. A 4-Node Exchange cluster serviced the target environment. The source Exchange 2003 environment consisted of approximately 1200 Mailboxes and 350 Public Folders. The source Exchange 5.5 consisted of 12,000 accounts in 8 mail servers and multiple domains.

Client Profile: Health Care IT services provider. 20,000 international and domestic users performing 24x7 operations

- Architected, developed and validated migration solutions
- Established, tested and documented accepted methodology
- Developed custom VBscripts and applications to allow the migration of Public Folders permissions

- Maintained identity federation with MIIS (ILM)
- Utilized native Microsoft and custom tools to design seamless email client experience.

Lead Engineer, Windows 2003 Active Directory Upgrade

Planned and executed the migration of a multi-domain Windows 2000 to Windows 2003 Active Directory Upgrade.

- Designed and led upgrade of 3 domains in a single forest with over 6,000 accounts
- Implemented MIIS proof of concept to integrate Sun Directory Services and Active Directory
- Implemented new domain controllers
- Wrote vbScript tools for client to manage accounts
- Project completed with zero client downtime
- Developed and deployed custom management consoles (mmc) for support staff

Consultant, IT Disaster Recovery

Managed, analyzed and documented the recovery procedures and business processes to manage the loss of information technology assets. Utilized industry standard methodologies and custom assessment tools.

- Created Disaster Recovery \ Business Continuity plan
- Led the creation of working recovery procedures \ documents and their dependencies.

Security and Forensics engineer

Assessed and documented remediation of compromised public servers.

- Performed Packet analysis to diagnose security breach
- Traced source of vulnerability
- Utilized commercial, open source resources and industry best practices to validate findings
- Documented next steps

Project Manager & Architect, Active Directory Assessment & Redesign

Managed multi-phase Windows 2000 and Active Directory assessment and remediation project. Provided Active Directory expertise troubleshooting widespread replication, Security and AD object errors. Developed remediation plan and led client staff in implementing fixes and other projects. Served as the team leader and lead Windows engineer for the project. Additionally, advised on standards for servers, implementation of systems\patch management and baseline security measures.

Client Profile: Regional University, 6,000 users at one primary location

- Analyzed and resolved inter-domain Active Directory trust failures
- Performed troubleshooting and resolution of corrupt Domain Controller objects
- Scripted analysis tools of clients environment
- Implemented system patch management via SUS
- Assessed and performed Group Policy (GPO) and OU re-architecture
- Managed hardware standardization for Windows 2000 environment
- Assisted implementation of Bradford Campus Manager

Project Lead, VPN Implementation

Designed, documented and led the implementation of a Virtual Private Network. Utilized Cisco PIX and Active Directory with RADIUS to establish a scalable and secure network access system. Coordinated the team and performed the design and configuration of IAS on Windows 2000.

- Developed and documented PIX configuration
- Implemented IAS (RADIUS) for authentication
- Performed configuration of all IAS

Project Manager, Single Sign On

Managed the unification of network account formats and established account standards across a diverse range of platforms; Oracle, Microsoft, Ingres and extranet partners. Implemented the standards across multiple departments for approximately 6,000 users.

- Coordinated all departments during assessment and development
- Managed creation of integration scripting
- Maintained oversight after implementation

Project Manager & Lead Windows Engineer, Windows 2000 Implementation

Overall Project manager for a complete network upgrade, SAN installation and NT4 to Windows 2000 migration. As lead Active Directory and Windows 2000 engineer, designed the Active Directory environment and application migration path.

Client Profile: Public Library System, 12 branches serving 600,000 people

- Managed a team of 5 – 7 engineers
- Coordinated all aspects of materials, resources and costs.
- Oversaw implementation of Cisco 802.11b network
- Designed Active Directory
- Migrated DHCP and DNS functions from NT & Novell to Windows 2000

Systems Engineer, Active Directory Migration

Implemented Active Directory security configuration and file migration automation in a Novell to Windows 2000 project for a hospital.

Client Profile: Large regional hospital, 3,000 users, multiple locations

- Recommended Active Directory Group Policy settings and overall network security and backup procedures.
- Developed VBScripts to automate the migration of home directories, login scripts and dynamic back up of the DHCP database.
- Developed tools and strategy for a GroupWise to Exchange 2000 migration.
- Assisted with the development of an automated printer migration and local profile migration for a seamless desktop migration.

Technical Lead & Project Manager, Active Directory Migration

Lead technical resource and project manager for a migration from Windows NT4\Novell to an Active Directory environment. The project also involved transitioning the organization to DHCP and a new IP addressing scheme.

Client Profile: Medium Manufacturing Company, 3 large locations in the US

- Designed Active Directory and its resources.
- Implemented DHCP, DNS and WINS.
- Migrated all File and Print\Application services from Windows NT\Novell to

- Windows 2000.
- Assisted in the migration from Exchange 5.5 to Exchange 2000.

Microsoft Scripting Engineer, Enterprise Data Analysis

Developed a system to collect and analyze print server usage across approximately 75 sites. Automated the deployment of printing services to hundreds of locations.

Client Profile: National Insurance Company, over 10,000 users in 4,000 locations

- Wrote and tested all VBScript, Visual Basic programs and Perl scripts.
- Leveraged VBScript and WMI to create the system.
- Developed and maintained script systems to deploy printers remotely and migrate Windows 2000 cluster servers.
- Managed all aspects of printer analysis testing, development and project timelines.

Systems Engineer, Automated Server Build Project

Automated and streamlined the installation of hundreds of Windows 2000 Servers across multiple hardware platforms and for different network functions in a Financial Services company. Unattended installations and VBScripting techniques simplified the build processes.

Client Profile: National Financial Services Company, 4000 users, 400 servers in multiple locations.

- Implemented auditing system to verify server builds.
- Automated and centralized Software installs, security and OS setting changes.
- Built, documented and supported the system.
- Trained client staff to utilize new functionality.

Team Lead, Windows 2000 Deployment

Was the team lead for an enterprise wide, multiple location rollout of Windows 2000 Desktop. The roll out encompassed approximately 3200 desktops, and was the final phase of a large enterprise Windows NT to 2000 conversion.

Client Profile: National Retailer, 4000 users at one primary center

- Migrated user mail and calendars to Exchange 2000.
- Managed user accounts.
- Maintained Ghost multicast servers.
- Acted as a final technical resource for the team when problems were encountered.
- Managed team of 5 – 8 technicians

Skills

- Microsoft Active Directory (AD) Design, Architecture & Implementation
- Group Policy (GPO)
- LDAP & Directory Services integration
- Windows 2008, Windows 2003, Windows 2000, Windows NT
- DNS, DHCP, WINS, TCP/IP
- Network Design; VLAN, ACL configuration
- MIIS (ILM)
- VBScript, Perl, WMI, ADSI scripting
- Exchange 2007, Exchange 2003, Exchange 2000
- Exchange tools (IORepl, Exchange Server Migration Wizard, pfdavadmin, Profile Migration tool etc.)
- Microsoft Clustering
- IIS 5, IIS 6.0, IIS 7.0, SSL

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- Apache 2
 - VPN Design
 - Backup Exec
 - Internet Authentication Server (IAS)
 - Information Security, Vulnerability Assessment (VA), Risk Assessment
 - Disaster Recovery
 - eEye Retina, Blink, Iris, Qualys
 - HP Procurve equipment
 - EZProxy
 - Support of Oracle infrastructure
 - Server Hardware: HP, Dell, Compaq
 - Project Documentation, Project Management
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**Professional
Associations**

- Member, Microsoft Information Technology Advisory Council
 - Member, Boston Area Windows Server User Group
 - Member, New England Information Security User Group
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