

Past results do not guarantee future performance

studio graphic

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About

Roelf Zomerma is a systems engineer, specialized in Active Directory and the Microsoft platform. This has been recognized by Microsoft when achieving the Master in Windows 2008 Directory services status. He is well known with the wide range of the Microsoft platforms with the skill to develop, build and maintain secure Microsoft infrastructures. He has been involved in many projects revolving Identity Management and Active Directory migrations. He is co-author of the Windows Security book published in the Netherlands by Weka publishers with quarterly updates and runs his own technical blog on <http://blog.studiographic.nl>.

Microsoft Specific Skills

- Active Directory
- Hyper-V (Virtualization)
- System Center Virtual Machine Manager
- Application Virtualization
- Windows 2008 (R2)
- Federation Services
- Data Protection Manager
- Windows 2003
- Windows 2008(R2)
- Internet Information Services
- Exchange 2003
- Exchange 2007
- Exchange 2010
- Windows Clustering
- ISA 2006
- ISA 2004
- TMG
- Microsoft Rights Management Services

Other Skills

- VMware ESX, GSX, Workstation, Server
- Netscreen Firewalls
- HP Proliant Servers
- HP MSA SAN's
- HP Blades
- Dell PowerEdge hardware
- Network infrastructures

Certifications

- **Microsoft Certified Master**
 - Windows Server 2008, Directory
- **Microsoft Certified Technology Specialist**
 - System Center Virtual Machine Manager 2008, Configuration
 - Windows Server Virtualization Configuration
 - Microsoft Windows Vista Configuration
 - Windows Server 2008 Active Directory, Configuration
 - Windows Server 2008 Network Infrastructure, Configuration
 - Windows Server 2008 Applications Infrastructure Configuration
- **Microsoft Certified IT Professional**
 - Enterprise Administrator
- **Systems Engineer Microsoft Windows Server**
- **Systems Administrator Microsoft Windows Server**
- **Professional MCP 2.0 — Certified Professional**

Investment Agency

This company had the desire to upgrade all systems to the latest version of the Windows Server platform, namely Windows 2008R2. They asked for a design for this new platform in general and detailed migration plans for migrating to this new platform. The project focused mainly on the upgrade of the Active Directory domain controllers and an investigation to the possible impact of that upgrade towards other systems.

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Roelf Zomerma works for Avanade; a global IT consultancy dedicated to using the Microsoft platform to help enterprises achieve profitable growth. Through proven solutions that extend Microsoft technologies, Avanade helps enterprises increase revenue, reduce costs and reinvest in innovation to gain competitive advantage. Founded in 2000 by Accenture and Microsoft Corp., Avanade has more than 9,000 professionals serving customers in 22 countries worldwide. Additional information can be found at

Telecom Company

Call centers often face the challenge of managing many applications and maintaining the same data in all of them. Microsoft's Customer Care Framework can be used to link all those applications together and maintain a central database of selected information. During a short project, the design of CCF was validated and adjusted to allow full availability of the service. It involved designing a load balanced web server environment, ADAM replication to all webserver nodes and backend SQL clustering (see blog for more information).

Banking/Insurance company

When implementing a new Active Directory, or extending an existing directory, designs and architecture documents are required. This company decided to extend an international Active Directory to a new data centre. While existing documentation was not available, Roelf Zomerma wrote a full Logical and Physical Architecture document and a Detailed Level Design for two domain controllers in a two domain forest. Existing information was used and retrieved from the forest. While users and services are within two different forests, the implication of the existing trusts was analyzed and proposals were made to enhance cross forest authentication.

Housing company

The informational flow of user data from and to tenants is one of the main struggles for housing companies. Complaints about repairs, informational alerts about prices etc. etc. This company decided to create a new portal for tenants and interested people. This new web portal is built on MOSS architecture and uses a front-back office architecture. The entire architecture consists of Active Directory, ISA firewall servers, SQL clusters, Biztalk and CRM along with the required monitoring and patching services like SCOM and WSUS. While the architecture was created by an Avanade architect, the logical design as well as the technical implementation was done in a small three man team, where Roelf Zomerma was lead technical implementer.

Government

The maintenance of Active Directory can have a significant impact on clients and usability for end-users. This government agency was having troubles in this area. Logon's were slow, and the Active Directory was not maintained in a good way. Roelf Zomerma was hired to reduce the logon time, inspect the overall health of Active Directory, clean up where necessary and create a new delegation plan for future implementation. Group Policy Preferences were introduced to reduce the logon times by as much as 50%, old login scripts were removed and AD was inspected and sanitized.

Nutrician Company

The management of this company decided to consolidate their infrastructure and migrate all branch sites to a single directory. Setting up the delegation model for the dispersed support model was only one of the challenges of the project. Most branch offices had their own Active Directory of NT4 domain and the number of users did not allow for a big-bang migration. In total more than 20 branch offices were migrated into the central Active Directory, including users, workstations and servers. This using the Active Directory Migration Toolkit and various custom scripts for allowing *touchless* migration.

Nutrician Company

After the merger with a major food company users experienced a separated mailing address list. The company wanted a single Global Address list and integration of the mail systems (usage of single domain name space) within a limited timeframe. The project included the creation of resource sharing, email co-existence in a single global address book between a full Domino and Exchange/AD environment using the Microsoft Lotus Notes Transporter Toolkit and various scripts to cope with the different naming conventions of both mail systems. In the end, a single Global Address list replicating 4 times a day and secure mail was established within two months.

Food Manufacturer

Consolidating mail platforms can lead to better interaction between user within a company. Next to cost reduction this was the most convincing argument to consolidate several messaging sites into a single new Exchange 2003 environment. Using scripts for mail migration and outlook reconfiguration, users experienced a seamless migration for their mail environment. This included security settings and delegations within their mailbox also.

Management Consultancy Agency

Perform an audit on the infrastructure. The audit included hardware, software xSDL lines, total performance and security. The audit was closed by a report which offered the customer a roadmap for the next five years.

Water company

Design and implement a Windows 2000 to Windows 2003R2, Exchange 2000 to Exchange 2003 and ISA 2000 to ISA 2004 enterprise migration. Also included in the project was a roadmap for the near-

BLOGROLL

360 on 365 (Microsoft Online)
My old blog site
Rob Silver's Blog
The Master blog

and midterm- and long-term future for mobility, security, consolidation and monitoring.

The company consists of 8 locations all in the Netherlands and has about 800 users active. Since the company manages the water for about 30% of the Netherlands the complete migration had to be done without interruption of services.

Bank Organization

The bank had a custom designed application built for them by Avanade, this application reported the value of assets for wholesale customers. The security for this application had to be very strict, therefore Roelf Zomerma was asked to design and implement the security for the application. At the end, a full Kerberos secured (webbased) application was rolled out within the bank organization.

Civil Engineering Company

Design and build a complete Microsoft infrastructure using Virtual Server 2005. The infrastructure included Exchange 2003, SharePoint Portal Server, Live Communications Server, ISA 2004 all built on Windows 2003.

Water company

Design and build the technical infrastructure for BizTalk server, including Develop/Test, Acceptance and production network. The Develop/Test and Acceptance environments were build on Virtual Server 2005.

On-Line Sales organization

Inspect the current webshop environment for security breaches, missing patches and core networking component security. And create an advice to implement a better security solution for now and the future

Electrical company

Migrated the old Windows NT4 domain to Windows 2003, and designed the new Exchange 2003 infrastructure for +300 users.

global leader in web offset printing solutions

Be local support employee for Avanade USA during the Windows 2003 to Windows 2003 migration. Solve minor problems and maintain contact with Avanade USA for other problems. Create a scripted install for the 170 laptops. And roll these clients out within a limited time period using SMS technologies.

IT specialist

Designing and implementing complete solutions for messaging using Microsoft Exchange, virtualization using VMware ESX, and complete migrations for customers. Selling hardware and supporting HP, Dell, and other A brand servers.

IT department Saxion

Migrating the old Windows 2000 student network to a brand new Windows 2000 network with 6 servers, 120 clients and 1000+ users. This migration included the education for the new system administrators.

Business Department Saxion Hogeschool

Design and build an infrastructure to support webcasts on Mediaplayer 9 and Mediaplayer 8 for broadcasting a political debate. For this webcast a mix of Windows 2000 server and .NET server (beta 2) was used.

College in the Netherlands

Building and supporting the core network for the study Multimedia design and technology. Including the daily support, the focus for security and implementing new technologies as streaming audio and video using Windows Media Services, Clustering using Windows 2000 and Windows 2003 and rendering 3D videos. Technology on the edge of audio, video and computer capabilities.

Hard-& software specialist in Small Business

Advising, designing testing and implementing complete infrastructures for customers with maximum of 30 employees. These solutions were primarily based on Windows Small Business Server and included the focus for security.

Hardware shop

Roelf was responsible for advising building and supporting the PC platforms sold to customers. This included building computers, designing networks and help customers with computer related problems at home or in the office.

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Resume Roelf Zomerma | A-fanatic blog

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