

NETPRO

KNOW YOUR NETWORK.

Boost Active Directory with Automated Tools:
Case Study



John Policelli
Senior Architect

John Policelli

- 9+ years experience as an IT Professional.
- Senior Architect, Bell Managed Information Solutions.
- Provide thought leadership for some of the largest installations of Active Directory in Canada.
- Recently led a comprehensive security review focusing on securing an enterprise deployment of Active Directory consisting of over 300,000 objects and securing other core Microsoft network services.
- Author, MS Press Windows Server 2008 Certification Training Kit.

Bell Managed Information Solutions

- Bell is a Canadian leader in collaboration providing over 12 million voice and data customer connections.
- BMIS is the centre of excellence for Active Directory, Exchange, and OCS in Bell Enterprise.
- Bell's Managed Services Practice provides management of directory services, messaging, instant messaging and presence, mobility, compliance, voice over IP, and conferencing solutions for large enterprises.
- Bell's Professional Services Practice area staffs and manages the complete delivery of enterprise development and infrastructure projects allowing organizations to deliver more quickly without adding permanent staff.

BMIS Managed Directory Service

- Managed directory service is designed to reduce complexity and technical risk for large organizations.
- Global Management of over 75,000 AD accounts and over 300,000 AD objects at a large Canadian Financial Institution.
 - Includes management of AD DS, AD LDS, DNS, DHCP, WINS, DFS, PKI, MIIS, and NetPro Change Auditor for AD.
 - Complete operations includes Architecture, Engineering and second level help desk support.

BMIS Professional Services

- Flexible service model: from diagnosing existing problems to building out and managing complete AD infrastructures.
- Structured assessments and strategy roadmap engagements based on a fixed price and fixed timeline.
 - Active Directory Assessment Service Offering
 - Active Directory Security Assessment Service Offering
- Provide a myriad of professional services:
 - Architecture
 - Authentication and Authorization
 - Identity and Access Management
 - Security Policies
 - Auditing and Forensics

The value of a strategic vendor

- Performed a comprehensive assessment and evaluation of AD auditing products and AD diagnostic tools.
 - Selected NetPro from the top 3 industry leaders in AD auditing
 - Selected NetPro from the top 3 industry leaders in AD diagnostics
- Created a strategic partnership with NetPro.
- BMIS invests in learning a particular toolset, which allows us to use the tools more effectively.
- Leverage a NetPro Software as a Service (SaaS) licensing agreement for BMIS AD Assessment Service Offering.

BMIS and NetPro

- Incorporated Directory Troubleshooter in our Active Directory Assessment to augment AD Health category.
- Deployed Change Auditor for Active Directory at one of the largest Canadian Financial Institutions.
- Change Auditor for Active Directory is a key element in our Directory Managed Service offering.

CAAD Case Study

- Client had two major outages as a result of OU deletions and OU moves
 - Native AD auditing did not provide accountability info
 - Both outages resulted in monetary losses
- Implemented Change Auditor for Active Directory in December 2005 for a leading Canadian FI.
- Phased deployment across lab AD forests and then into production AD forest.
- Total deployment consisted of 85 domain controllers dispersed across 15 international and domestic cities.
- Significantly increased auditing capabilities.
- Can now provide **What, When, Who, and Why** information to our client.

DT Case Study

- Completed AD Assessment with DT at the Canadian HQ of a large multinational corporation.
- AD Assessment covered:
 - High Availability
 - Active Directory Health
 - Disaster Recovery Readiness
 - Active Directory Security
- Realized immediate ROI
 - Reduced delivery time
 - Increased number of checks
 - Increased number of reports

