Microsoft Services
## Risk Assessment Program for Active Directory (ADRAP)

Microsoft® Active Directory® forms a critical backbone for the support of your enterprise's information structure. A poorly functioning Active Directory environment impacts security boundaries, replication, and delegate administration causing significant impact to your business. Microsoft ADRAP proactively diagnoses and troubleshoots issues before they arise.

Microsoft ADRAP is an in-depth analysis of an organization's Active Directory. Working with Senior IT staff members and engineers in charge of supporting the Active Directory environment, Microsoft's own highly experienced engineers collect and analyze a series of data points to identify areas for remediation.

After the engagement, organizations can effectively utilize the Active Directory Snapshot Tool to diagnose vulnerabilities within their environment for maximum performance.

For further details, please contact your local Microsoft Services practice which can be found at:

Http://www.microsoft.com/worldwide/
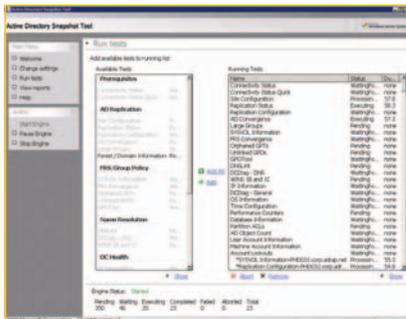
The Active Directory Snapshot Tool provides valuable real-time information about the performance, configuration, and health of the key Active Directory components.

Maximize Performance with Critical Analysis

Maximize your Microsoft Investment

Microsoft ADRAP provides critical insight into the health of your directory service. Microsoft's own experienced internal engineers utilize our own IT department's tools to take a snapshot of your production Active Directory (AD) environment. Analysis of performance, configuration, and event data for each Domain Controller (DC) in your forest enables engineers to provide clear steps for maximizing the performance of your AD investment.

During the engagement, your own key personnel will gain experience by diagnosing and troubleshooting issues identified by the Active Directory Snapshot Tool. This enables the performance of your AD environment to be maintained after the engagement.

Key Focus Areas

Data collection is the key component of a successful engagement. Designed to take advantage of Windows Management Instrumentation (WMI), the Active Directory Snapshot Tool integrates directly with the core operating system management interface.

Our engineers provide analysis of a comprehensive set of data relating to Active Directory, including:

- **Directory Service Replication**
    - Replication Status
    - AD Convergence
    - Bridgeheads and ISTGs
    - Large Groups

- **File Replication Service**
    - SYSVOL Convergence
    - Orphaned GPTs, Unlinked GPOs
    - SYSVOL Consistency
    - SYSVOL Information

- **Name Resolution**
    - DNSLint
    - DCDIAG-DNS
    - WINS 1B and 1C
    - IPCONFIG (WINS and DNS)

- **Domain Controllers Health**
    - DCDIAG - General
    - Performance Statistics
    - Time Configuration
    - OS Information

- **AD Database Analysis**
    - Database Information
    - Partition ACLs
    - AD Object Count

- **Others**
    - Exchange DSACCESS
    - Account Information
    - Account Lockouts

- **Backup and Disaster Recovery Strategy**
    - Supportability Best Practices

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Maintain Maximum Efficiency

Leveraging collective knowledge accumulated from over 2,000 worldwide deliveries and operation within Microsoft's own IT organization, Microsoft ADRAP has a platform to make your business meet its Active Directory performance goals.

Reduce Support Costs

Expose vulnerabilities in your Active Directory infrastructure and operational processes before they impact your business. Improve your environment's uptime and lower support costs.

Proactive diagnosis of the causes, not just the symptoms, help to optimize productivity.

Practical Recommendations

Solutions for each of the performance level-risks are identified and articulated as a roadmap. By covering operations, configuration, and architecture, effective remediation improves efficiency within your Active Directory system.

## Engagement Without Business Interference

Microsoft ADRAP is designed to have no impact to your ongoing business. Onsite engagement is kept to an absolute minimum through ongoing research and development that maximizes the effectiveness of the Active Directory Snapshot Tool.

To enable effective engagement, the following items are required:

- Enterprise admin access
- High-end workstation or server-class machine
- Windows® 2003/XP
- 2003 Support Tools
- Visio® 2002 or later
- Full RPC access to all forest DCs
- English version of the OS
- English locale in the regional settings
- Conference room with a projector for the onsite portion of the engagement
- Access to a plotter (optional, but highly recommended)

Active Directory Snapshot Tool Stays with You

Our goal is to ensure ongoing performance needs of your
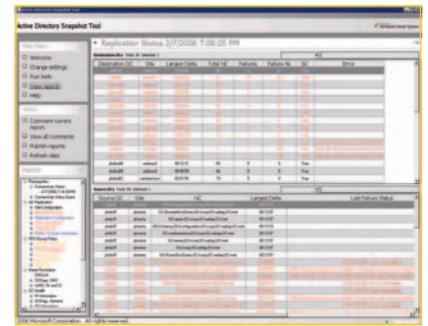
organization are met. As part of the engagement, our engineers will enable your own staff to utilize the Active Directory Snapshot Tool. This tool will remain available for use within your organization for up to one year following the engagement of our engineers.

With a Web-based user interface (UI), data is easy to read and understand with sections relative to the analyzed component. The output incorporates sorting and filtering capabilities, along with data history for future review.

Explanations and definitions are incorporated directly into the Web UI via mouse-over for appropriate columns of data. Full documentation is included with the Web page.

For More Information

For more information about the consulting offerings and support that are available from Microsoft Services, visit **http://www.microsoft.com/microsoftservices** or call **1-800-MICROSOFT**.

For assistance outside the United States, please contact your local Microsoft office.
A list of local offices can be found at **http://www.microsoft.com/worldwide**.

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