NetWrix Change Reporter Suite Competitive Checklist

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|  | **NetWrix** | **Product A** | **Product B** | **Product C** |
| **DATA STORAGE AND AGGREGATION** | **Change Reporter Suite** |  |  |  |
| **Multi-year storage.** Utilizes a two-tiered data storage system. SQL Server for online reporting, and file-based compressed storage for long-term storage. (For greater scalability and retention of multiple years of audit data without performance degradation). | YES |  |  |  |
| **Reliable audit data.** [AuditAssurance™ technology](http://www.netwrix.com/auditassurance.html) consolidates audit data from multiple sources including event logs, configuration snapshots, and change-history records to get the most reliable audit data stream without gaps. For Windows systems, only the minimum required auditing is enabled. | YES |  |  |  |
| **4 Ws.** Captures all changes to Active Directory, Group Policy, Exchange, SQL, file servers, NetApp Filer, EMC Celerra, Windows Server, SharePoint, network devices (Cisco, CheckPoint etc), VMware and SCCVM environments including WHO made the change, WHAT was changed, WHEN it was changed (date and time), WHERE (Domain Controller, where applicable) the change was made. | YES |   |   |  |
| **Before/after values.** Performs side-by-side comparison showing BEFORE and AFTER values for all modified AD Objects and settings where applicable (e.g. “Domain Admins group membership changed” or “Group Policy Enabled or Disabled” or “Exchange Receive Connector setting changed” or “SQL table renamed” or “VMware Pool changed”.) | YES |  |  |  |
| **Supported Systems and Applications** |
| **Active Directory**. Automatically collect and report modifications, additions and deletions to user accounts, Group Memberships, AD Schema, OUs, permissions, FSMO roles, AD Sites, computers and more. | YES |  |  |  |
| **Group Policy.** Automatically collect and report modifications, additions and deletions to GPOs, GPO links, audit policy, password policy, software deployment, user desktops, and all other settings. | YES |  |  |  |
| **MS Exchange.** Automatically collect and report modifications, additions and deletions to mailboxes, information stores, Exchange servers, connectors, protocol parameters, storage groups and more. | YES |  |  |  |
| **Active Directory Object Restore Wizard.** Easily restores any change to any object in AD including individual attributes without having to perform an AD restore or down a domain controller with all previous values and settings intact. For example, restoring a deleted user also restores their SID, Group Memberships and passwords. | YES |  |  |  |
| **File Server and Filer appliances.** Automatically collects and reports changes to files, folders, permissions and access attempts to Windows file servers and filer appliances such as NetApp and EMC. Examples include access attempts to sensitive files like financial record or patient data, changes to folder permissions, files added and deleted and more. | YES |  |  |  |
| **MS SQL.** Automatically collects and reports additions, modifications and deletions to SQL servers, databases, tables, indexes, roles, permissions, logins, schema changes and many other settings and objects. | YES |  |  |  |
| **SharePoint**. Automatically collects and reports additions, deletions and modifications to SharePoint servers, SharePoint farms, sites, and permissions. | YES |  |  |  |
| **SCVMM.** Automatically collects and reports on additions, deletions and modifications to System Center Virtual Machine Manager including virtual machines, host groups, libraries, hosts, and hardware. | YES |  |  |  |
| **Windows Servers.** Detects and reports changes to Windows servers such as service properties, add/removal of software or hardware, registry changes, task changes, Local Users and Groups and DNS settings. | YES |  |  |  |
| **Network Devices.** Automatically collects and reports additions, deletions and modifications to network hardware such as Cisco and Checkpoint firewalls, routers, switches, hubs, users, IP routing tables, rules, security settings, and protocol parameters. | YES |  |  |  |
| **ALERTS and REPORTING** |  |
| **Reports by e-mail.** Provides daily email summary of all recent changes, sent by e-mail automatically every night to specified recipients. | YES |   |   |  |
| **Real-time alerting.** Provides real-time alerts for specific changes to AD objects by type, name, attribute name and value as well as on Event Logs and MS Exchange Non-Owner Mailbox access:* Via Email
* Via SMS
 | YESYES |  |  |  |
| Predefined reports for compliance (HIPAA, SOX, PCI, GLBA, FISMA). | YES |  |  |  |
| **Reporting in SQL SRS.** Utilizes industry-standard SQL Server Reporting Services (free SQL Express is supported) for providing a wide selection of "out-of-the-box" [compliance-ready reports](http://www.netwrix.com/Active_Directory_Change_Reporter_Report_Samples.html). No proprietary reporting engines. | YES |   |   |  |
| **Role-based access control.** Role-based access control for reports (control who can view what reports) for administrative separation between domains, forests etc. | YES |  |  |  |
| Both web-based reporting (thin client) and Windows UI-based reporting. | YES |  |  |  |
| **Active Directory snapshot reporting.** Provides ["snapshot" reports](http://www.netwrix.com/active_directory_snapshot_reports.html) of your current structure and enables comparing it to historical views of what it "looked" like in the past. | YES |  |  |  |
| **Report subscriptions.** Provides report –subscription capability to deliver e-mail reports to specified individuals or groups. Available attachments PDF, XLS(X), DOC(X), XML, TIFF and PDF with custom filters. (e.g. Send report about OU-level user changes to administrators responsible for that OU or Send a report on Audit Policy changes). (for Active Directory, Group Policy, Exchange, SQL, File Servers, VMware, SharePoint and SCVMM modules) | YES |   |   |  |
| **Multiple report export formats.** Supports report formats: PDF, XLS(X), DOC(X), XML, TIFF, and PDF for Active Directory, Group Policy, Exchange, SQL, VMware, SharePoint, and file servers and storage appliances. | YES |  |  |  |
| **Free custom reports.** Provides up to three custom reports at no additional cost. | YES |  |  |  |
| **Easy ad-hoc reporting** to show "Who changed what, when and where" – you just specify your managed objects (AD domains, VMware installations, SQL servers, file servers, etc) and put your e-mail address and then it starts sending daily reports (e.g. every morning) so you can review each change. | YES |  |  |  |
| **Purpose-built** modules for Active Directory, Group Policy and Exchange, SQL, VMware, SharePoint, and SCVMM auditing as well as file servers and appliances, server configuration changes, non-owner mailbox access and event logging: adds human-readable formatting, not just generic raw audit data output. | YES |  |  |  |
| **DATA COLLECTION ARCHITECTURE** |  |
| **Optional agents.** Agents may be optionally deployed but are not required. | YES |   |   |  |
| **Resource Utilization.** Agents are active at data-collection time only and do not consume server resources when not in use. | YES |  |  |  |
| **Non-intrusive.** Agents are small and non-intrusive (6k or less) and not injecting into operating system core mechanisms. | YES |  |  |  |
| **Data Efficiency.** Agents are used primarily for data compression. | YES |  |  |  |
| **Reliable.** Agents rely only on documented Window APIs and do not break the system when a new OS patch is released. | YES |  |  |  |
| **MANAGEMENT INTERFACE, USAGE, AND INTEGRATION CAPABILITIES** |  |
| Integrated Microsoft Management Console (MMC) interface. | YES |  |  |  |
| Integrated support for any assortment of resources including multiple forests, domains, OUs, file servers, VMware hosts, SQL servers and more. | YES |  |  |  |
| Supports multiple console instances for independent management of modules. | YES |  |  |  |
| Protects existing investments by supporting “plug-in” integration with related products. | YES |  |  |  |
| **FILE SERVER AND STORAGE APPLIANCE CAPABILITIES** |
| Supports DFS shares and Windows Failover Cluster | YES |  |  |  |
| Performs full side-by-side comparison and captures BEFORE and AFTER values for all modified files, folders and permissions (e.g. “folder permissions changed to include Full Access for Everyone or an individual user”). | YES |  |  |  |
| Shows successful and failed access attempts as well as failed change attempts to files and folders. | YES |  |  |  |
| Helps sustain regulatory compliance such as PCI-DSS using File Integrity Monitoring (Coming Soon) | YES |  |  |  |
| Supports NetApp filer appliances | YES |  |  |  |
| Supports EMC Cellera appliances | YES |  |  |  |
| Easily scalable for large enterprise environments. Average-sized deployment is 50 file servers; Largest deployment is 1000 file servers. | YES |  |  |  |
| Support for Volume Shadow Copy Restore of individual files and folders back to the original states including permissions. | YES |  |  |  |
| LINUX/UNIX file server support (Coming Soon) | YES |  |  |  |
| Real-time alerts to monitor sensitive files/folders/permissions (Coming Soon) | YES |  |  |  |
| **SQL SERVER CHANGE REPORTING CAPABILITIES** |
| Reports who made what changes to Databases, Tables, Application Roles, Credentials, Column, Schema, Database/View Columns, Indexes, Logins, Roles, Instance, Stored Procedures, and Users including Before and After values. | YES |  |  |  |
| Scalable to monitor 1000+ SQL servers with over 1,000,000 databases. Average sized deployments are 100 SQL servers with 10,000 databases. | YES |  |  |  |
| Real-time alerts on specified SQL changes (coming soon). | YES |  |  |  |
| **ACTIVE DIRECTORY AND GROUP POLICY OBJECT ROLLBACK CAPABILITIES** |
| Easy rollback of changed Active Directory objects and Group Policies. | YES |  |  |  |
| Active Directory object attribute-level rollback capability. | YES |  |  |  |
| **INSTALLATION, CONFIGURATION, AND PLATFORM SUPPORT** |  |
| Easy to install and configure. Requires only pointing the software at the resources in need of auditing. | YES |  |  |  |
| Can be installed with little or no vendor assistance. | YES |  |  |  |
| Does not require services engagement to fully implement. | YES |  |  |  |
| Supports 32 and 64-bit versions of Windows Server. | YES |  |  |  |
| Supports all versions of Windows Server: 2000, 2003, 2008, 2008 R2 and above without any limitations. | YES |  |  |  |
| Easily scalable for large enterprise environments. Average-sized Active Directory deployments of 10,000 AD users across 50 domain controllers. Largest deployments of 1 million users across 1,000 domain controllers.  | YES |  |  |  |
| **MISCELLANEOUS INTEGRATION AND CHANGE REPORTING CAPABILITIES** |   |   |  |
| Upgradable to the Enterprise Management Suite receiving full credit for existing product license fees. Additional components include: Account Lockout Examiner, Bulk Password Reset, Disk Space Monitor, Logon Reporter, Password Expiration Notifier, Password Manager, Privileged Account Manager, and Compliance Suites. |  |  |  |  |
| **SIEM Integration** including ARCSight, IBM Tivoli, RSA envision, Logger, Novell Sentinel, and NetIQ Security Manager to protect existing investments. Syslog and Oracle integration coming soon. | YES |   |   |  |
| **Event Log Management** module for real-time alerting on logged events which may also be integrated into SIEM solutions. | YES |  |  |  |
| **VMware** support for VI3, vSphere, ESX and ESXi auditing and reporting of changes to Clusters, Datacenters, Datastores, Folders (including Permissions), Hosts, Resource Pools, Roles, Snapshots, Power States, and Virtual Machine changes such as removals, and Virtual Machine Sprawl report. | YES |   |   |  |
| **SCOM.** Microsoft-certified integration (Management Pack) with System Center Operations Manager (SCOM) enabling auditing through the SCOM console for management alerts and reporting. | YES |   |   |  |
| **(Available Module) Network Configuration Change Reporter:** Auditing module for Cisco, Checkpoint and other network devices. | YES |  |  |  |
| **(Available Module) Password Expiration Notifier:** Automatically inform users of expiring passwords. Establish three custom levels of notifications. | YES |  |  |  |
| **(Available Module) Inactive Users Tracker:** Automatically audit your Active Directory through e-mail reports to show unused and dormant accounts based on customizable criteria. | YES |  |  |  |