

# Admin Report Kit for Exchange Server

## Reporting tool for Microsoft Exchange Server

### Product Overview



**Admin Report Kit for Exchange Server (ARKES)** is an Exchange Server Management and Reporting solution that addresses the critical functions of auditing and reporting Exchange objects' configuration settings, usage and security, and server configuration. Our solution allows you to

audit, track and monitor several hundreds of configuration variables in your Exchange Server & Active Directory network.

ARKES reads Exchange object information across the entire Exchange Organization from any remote location, when the Exchange Organization is logically and physically grouped together. ARKES reports about various objects in Exchange architecture such as organization, administrative group, routing group, servers, connectors, protocols, information stores and recipients. ARKES provides several out-of-the-box reports about Exchange Server objects' configuration, security and usage.

The information about the organization's administrative groups, routing groups, storage groups, mailbox stores, public folder stores, system & recipient policies, protocols settings and various connectors, mailbox users, mail-enabled users and distribution groups/lists are available across all Exchange Servers in the Exchange Organization.

ARKES also addresses collecting, archiving and reporting all types of mail transaction details from your Exchange Server. It reports on different types of Mail Transactions as well as Mail Status and Traffic Statistics Reports. You can specify report filter criteria to view reports on Sender Mails, Recipients mails, Distribution groups/lists etc. across Exchange mail users in the Exchange Organization. The reports can be generated for the Exchange Organization and Administrative Group based on the message tracking logs that are stored in your Exchange Server message tracking transport logs.

The following information fields are available across the Exchange Servers in the Exchange Organization: Mail transaction Date & Time, Client IP, Client Host Name, Server IP, Server Host Name, Source Context, Connector ID, Source, Event ID, Internal Message ID, Message ID, Recipient Address, Recipient Status, Total Bytes, Recipient Count, Related Recipient Address, Reference, Message Subject, Sender Address, Return Path, Message Info, Directionality, Tenant ID, Original Client IP and Original Server IP.

### System Requirements for the computer where ARKES is installed:

ARKES supports Microsoft Exchange Server versions: 2010 / 2007 / 2003 / 2000. The System Requirements for the computer where ARKES application is installed is as follows:

**Hardware:** Intel processor, 512 MB RAM and minimum of 20 MB of free disk space

**Operating System:** Windows 7 / Windows Vista / Windows XP / Windows 2000 / Windows Server 2003 / Windows Server 2008 R2 with .NET Framework 3.5 and .NET Framework 4.0 with the latest service packs.

**Database:** Microsoft SQL Server 2008 (Enterprise / Standard / Developer / Express edition) or Microsoft SQL Server 2005 (Enterprise / Standard / Developer / Express edition) running in local / remote computer with latest Service Pack.

### Software:

#### Built-in Reports:

Microsoft Data Access Components (MDAC) v2.5/2.6/2.8 For Mailbox / Public Folder Resources information: Microsoft Exchange Server MAPI Client and Collaboration Data Objects 1.2.1 (or) Exchange 2010 / Exchange 2007 Management Tool.

## Here is a summary of what you can do with ARKES solution:

- Perform a complete Security Audit – Determine who has access to what in your Exchange Server by reporting every object and its security in detail.
- Gather detailed information about Exchange Server objects in the following report categories:
  - Organization Reports
  - Server Reports
  - Policy Reports
  - Protocol Reports
  - Connector Reports
  - Information Store Reports (Public and Private)
  - Mailbox Reports
  - Mail User Reports
  - Distribution Group Reports
  - Mail Contact Reports Mail
  - Public Folder Reports
- Monitor and track Exchange server objects on salient organization policy parameters such as: security, permissions, rights, resource utilization, object properties / settings, group membership, mailbox size, quotas & limits, user activity, restrictions, traffic etc.
- Extract your Message Tracking log file data to a SQL server for further analysis.
- Graphical (2D/3D chart) reports of mail traffic from mailboxes to mailboxes/distribution groups
- Collect and store log data for the entire Exchange Organization.
- Generate Mail Transaction reports and Mailbox Mail Status reports, set filter criteria to view reports on Sender Mails, Recipients mails, Distribution groups/lists across Exchange mail users in the Exchange Organization.
- Supports Microsoft Exchange Server 2010/ 2007 / 2003 in a single product.

## Benefits

- No agent installation in the Exchange Server platform - Information is collected, processed and displayed, all on the same machine where ARKES is installed.
- Document Exchange Server information that will be useful for change management, disaster recovery, project management, IT system implementation, IT rollout checklists, system baseline configuration settings, internal controls etc.
- Audit and report Exchange objects' configuration settings, server usage, security policies and server configuration for IT system audit and compliance needs.

## Traffic Reports:

Windows Management Framework Core (WinRM 2.0 and Windows PowerShell 2.0): Required for retrieving data from Exchange Server 2010. Applies to Windows XP, Windows Vista, Windows Server 2003 and Windows Server 2008 only.

For more information about Windows Management

Framework system requirements, visit the above Microsoft web sites. Exchange Server 2007 Management Tool: Required for connecting to Exchange Server 2007 and retrieving data from Exchange Server 2007 via member of the same domain computer as the Exchange Server 2007 or a trusted domain.

- Analyze Exchange Server information by exporting the data to MS-Access database or MS-Excel
- Manage and view several Exchange Server objects in their own display windows at the same time. Compare properties (general, security etc) of similar objects in different Exchange Servers in the same site and organization, by viewing information simultaneously.
- Document Exchange server information prior to performing major upgrades and user migration for data re-configuration and capacity planning.
- Improve server performance and operational efficiencies by optimizing resources in the Exchange Organization.

## Key Features

**Remote connectivity:** Connect to a Directory Server in your enterprise network using the Connection Manager that enables a user to connect and store the Directory Servers in the organization. ARKES additionally provides the ability to specify any user credential with sufficient permissions to connect to the directory server, other than the currently-logged-on-user. You do not have to install any data collection agent in the Active Directory or Exchange Server.

**Built-in Reports:** ARKES provides several out-of-the-box reports across Exchange Organization Sites / Administrative Groups / Servers in the enterprise network. Exchange Server reports covered in ARKES include:

- ✓ Organization Reports
- ✓ Server Reports
- ✓ Policy Reports
- ✓ Protocol Reports
- ✓ Connector Reports
- ✓ Information Store Reports (Public and Private)
- ✓ Recipient Reports
- ✓ Mailbox Reports
- ✓ Mail User Reports
- ✓ Distribution Group Reports
- ✓ Mail Contact Reports Mail
- ✓ Public Folder Reports

These reports can be generated for the following report scopes depending on the Exchange Server version: *Organization, Administrative Group, Server, Routing Group and Storage Group.*

**Power Reports:** A business intelligence & productivity tool for power administrators to run several pre-canned reports about ever-changing information in Exchange Server environment. Requisite options to specify reports to run, report criteria, automatically export, print, e-mail and schedule the desired reports with minimum setup. Reports may be scheduled for export at different intervals of time – daily, monthly, weekly etc.

Export, Print or E-mail whole or part information about Exchange Server objects in a single task instance using the following simple steps:

- ❖ Select Directory Server to generate the reports on
- ❖ Select the Reports
- ❖ Specify Report Scope
- ❖ Specify Report Delivery Options and
- ❖ Schedule the Power Reports task

**Statistics Reports:** Traffic Statistics Reports: Provides various text and graphical (chart) reports based on the e-mail transaction information.

**Data Collector:** The Data Collector collects data from the Message Tracking Log files of the Exchange Server and retrieves data for a given date range. The Data Collector provides you two options: Collect Now or Collect at Scheduled intervals.

**Collect Now:** This feature allows you to collect and import the specified date & time of Mail transaction details, from the Message Tracking Logs, to application's database. You can collect the very latest transaction log data for New Mails, Last month Mails, Last week Mails, Last N days Mails, and Custom date mails. The Application database contains all Mail details from the time you started using the application. It is recommended that you run the 'Collect Now' option in order to generate reports based on the very latest transaction data.

**Collect at Scheduled intervals:** Allows the user to create multiple Exchange Server data collection tasks, with powerful date range scope options, and finally runs them at scheduled intervals.

**Data Collection History:** This contains data collection details from the time you started using the application. It maintains the Data Collector details separately for each server in use to update the Mail transaction status details by using the Data Collector feature.

**Report Delivery Options:** You can now share the reports with the respective users through export, print or e-mail options.

*Export Report:* MS-Access database / HTML / Comma Separated Values (CSV), Portable Document Format (PDF), MS-Excel (XLS) and TIFF file format. Data exportable into MS-Access database for archival purposes or import into Microsoft Excel for further analysis.

*E-mail Report:* E-mail reports to users in the Exchange organization.

*Preview and Print Report:* Flexible print preview and print options to print the reports from ARKES to any local / network printer.

**Report criteria / Data Filters:** Perform powerful query-based search using field names and their values. Apply data filter options to track and report only the desired information.

**Custom Report Views:** Create customized report views by selecting the desired fields for a report and save the custom report view for repetitive use.

**Find information:** A simple string-based Find operation highlights all cells containing the string. Especially useful in determining string occurrences and their frequencies with respect to the entire displayed set of data. For example, highlight all users having “Full Control” permission in the displayed list of users and their permissions.



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