

Preparing to Migrate to Exchange Server 2010

Pre-Migration Assessments and Archive Before you Migrate

Thinking of moving to Exchange Server 2010? Many organizations are. This much-anticipated release is filled with great new features for availability, compliance and anywhere access. But with the platform advancements come increased complexity. With the critical importance of e-mail to your organization, it's imperative not to enter into a migration lightly.

There can be many pitfalls on the road to a successful migration: inadequate planning, incomplete architecture, insufficient modeling of the target environment, failure to preserve the end user experience and inadequate coexistence during the migration. Extensive planning and preparation can ensure a smooth migration and minimize, if not eliminate, any negative impact on your organization.

Quest Software can provide you with management tools for Exchange and other messaging platforms and best practices to help you easily perform comprehensive pre-migration assessments and consolidate your environment to ensure your migration is a success.

Pre-Migration Assessments

Pre-migration assessments provide a comprehensive look at entire messaging environments. Assessments can help identify areas for improvement and housecleaning prior to migrating as well as gather important information to assist in the planning and architecture of the new environment. Pre-migration planning can also benchmark the existing environment, a key step to help measure success once the migration is complete.

But gathering this information in its many formats and from the many locations within your Messaging environment can be difficult, costly and very time consuming. And the information gathered must be comprehensive, accurate and current. It's an almost impossible task without the proper tools. With MessageStats™ and Quest Spotlight® on Messaging you can easily assess your environment and collect the data necessary for a successful migration project.

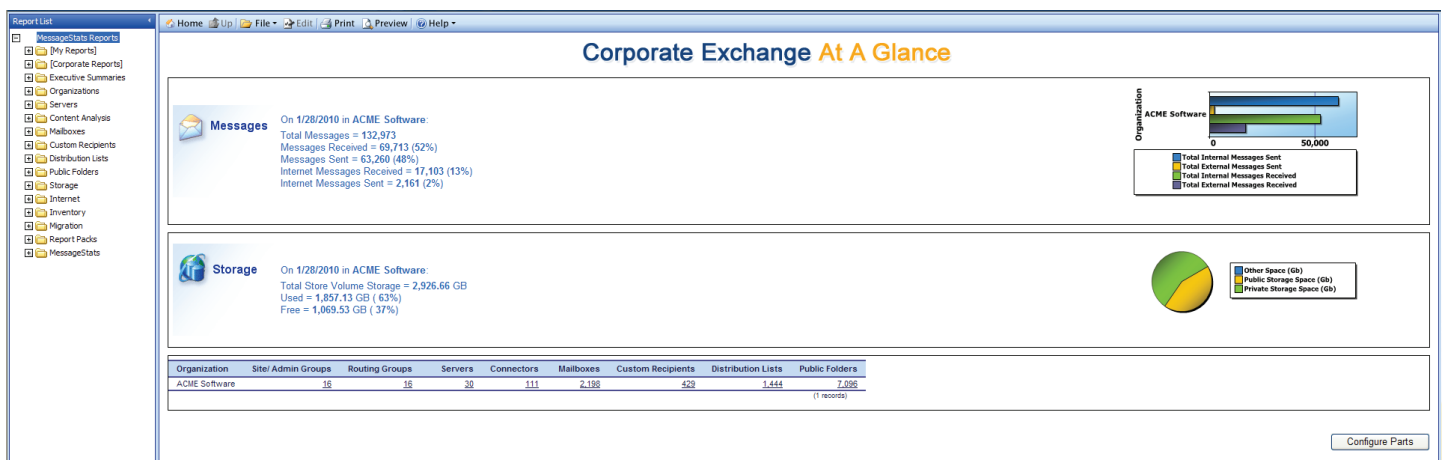
MessageStats™

MessageStats makes migrations faster and less stressful by planning for server capacity and inventorying the current and new environments. It provides the intelligence needed to confidently plan and reduce risk by assessing usage and availability before, during and after a migration.

MessageStats collects and reports on these elements:

- Usage details
- Service delivery details
- Capacity details
- Inventory details on all Exchange objects
- Historical data for trending and forecasting

After your migration is complete, use MessageStats daily to provide insight to maintain performance, defend SLAs, make audits easier, and predict and eliminate Exchange problems.



Spotlight® on Messaging

Spotlight on Messaging helps administrators detect problems in their messaging environment, accurately locate the root cause and resolve the problems from a single, easy-to-use interface. When used for pre-migration assessments, the Topology Viewer offers a complete, graphical view of an entire messaging environment in real-time.

This comprehensive view helps identify system bottlenecks as well as opportunities for improvement prior to migration. Additionally it provides monitoring of server health before, during and after the migration and diagnostic tests supply assurance that new servers are performing properly as they come online.

The screenshot displays the 'Spotlight on Messaging' application window. The main area shows a network topology diagram for the site 'spocs1.qc.kan.ca.qsft'. The diagram is divided into several sections:

- Federated Partners:** Includes Yahoo!, AOL, MSN, and e12lab.dev/kan.ca.qsft.
- Spocs1-pool:** A central hub containing Spocs1-av, Spocs1-iis, Spocs1-fe1, Spocs1-be, and Spocs1-fe2.
- Spocs2-std:** A server instance highlighted with an orange border.
- Other Servers:** Includes Spocsdmz-wc, Spocs1-med, Spocs1-av1, Spocs1-arc1, Spocs1-arc, Spocs1-cwa, Spocs1-qoe, Spocs1-qoe1, Spocs1-cwa, Spocs1-qoe, and Miketest.
- Edge Servers:** Includes Externalavedge, Internalavedge, and Externalavedge.
- Spocs1-dir:** A directory server instance.

On the right side, the 'Actions' panel is visible, showing a list of actions for the selected 'Spocs2-std' object. The actions are grouped into sections:

- Group By:** Pool, Domain, Site.
- Set Global Filter...**
- Disconnect from Environment**
- Force Discovery Now**
- Detect:** OCS Server Health...
- Resolve:** Launch OCS Administrator Co..., Import Topology Layout..., Export Topology Layout..., View, New Window from Here.
- Refresh**
- Properties**
- Help**
- Spocs2-std:**
 - Detect:** OCS Server Health...
 - Diagnose:** Launch Diagnostic Console
 - Resolve:** Launch OCS Administrator Co..., Launch Active Directory User..., Launch Computer Management, Launch Event Viewer, Launch Services.
- New Custom Group...**
- Start Maintenance Mode**

At the bottom of the main window, a status bar indicates: 'Spocs2-std (Failures: 1)', 'OCS Server Health (Spocs2-site) : Warning', and 'Site: spocs2-site'.

Archive Before You Migrate

To help make the migration faster and less expensive, consider archiving messaging data before migrating. Chances are you're facing serious challenges in your migration to Exchange Server 2010, including a lengthy migration timeframe, complex coexistence or a large existing mail environment with multiple PSTs. Any one of these challenges can lead to significant increases in time, cost and risk. Archiving before you migrate can significantly reduce project time, protect your mission-critical messaging data and consolidate your infrastructure.

Archive Manager

Quest® Archive Manager can help reduce the time, cost and risk associated with complex migrations by capturing, indexing and storing messaging data before migrations. With its single-instance storage capability, Archive Manager stores a single copy of all messages and attachments, reducing the space needed to store messaging data. Utilizing Archive Manager you can reduce the size of your Exchange store by up to 80 percent, thereby making the migration faster.

When used to archive before a migration, Archive Manager:

- Reduces the risk of data loss by capturing e-mail before the migration begins
- Improves control over PSTs, enabling administrators to migrate PSTs into the archive and eliminate them once and for all
- Shortens migration project times by reducing the amount of messaging data to be migrated
- Saves valuable storage capacity by maintaining single-instance storage of messages and attachments
- Reduces the impact on end users by providing coexistence in parallel with Quest's Exchange migration solutions

You can realize quantifiable benefits by reducing the amount of data being migrated, retaining access to legacy data after the migration, and maintaining single-instance storage during migration. And once the migration is complete, Archive Manager will preserve e-mail, control e-mail storage growth, and make e-mail more accessible to end-users and the business without administrator burden or deployment complexity.

As you consider your migration to Exchange Server 2010, look to Quest Software to provide the tools necessary to employ best practices for achieving migration success.

About Quest Software, Inc.

Now more than ever, organizations need to work smart and improve efficiency. Quest Software creates and supports smart systems management products—helping our customers solve everyday IT challenges faster and easier. Visit www.quest.com for more information.



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