

Four Steps Toward Planning a Successful Email Migration

How MessageStats Can Help You Understand and Clean Up Your Source Environment to Simplify Your Move

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Abstract

Few email migration projects are as simple as buying new hardware and moving current user accounts and other resources to the new environment. Rather, most email migrations involve complexities such as consolidating servers and ensuring the seamless coexistence of the old and the new environments during some period of time.

Careful and thorough planning is crucial to success—and so is choosing the right tools. This document explains how MessageStats from Dell Software can help you plan and execute four key steps in your email migration.

Introduction

Organizations choose to migrate their email platforms for many reasons: to take advantage of new features of the latest release, such as Exchange 2013; to replace a version that is no longer supported; to consolidate or reduce the number of servers; to replace a legacy messaging system, such as Lotus

Notes or GroupWise (especially after a merger or acquisition); or to move from an on-premises solution to a hosted one, such as Microsoft Exchange Online or Google Mail. Whatever the reason, careful planning and preparation are crucial to the success of the migration project.

The simplest migration is one where new hardware is purchased, and current accounts, mailboxes, public folders and other objects are moved to the new environment. However, simple migrations are usually recommended only when migrating mail between the most recent versions of the same mail platform, such as from Exchange 2010 to Exchange 2013, and when the move is confined to a single or centralized location.

In most situations, though, migrations are far more complex. If the migration cannot be completed quickly, such as over a weekend, you need to take into account the current mail system's routing environment so that mail can continue to

A comprehensive reporting solution for your messaging and unified communications platform, such as MessageStats, can help ensure a successful migration.

flow between the source and target environments during the migration (coexistence). You also need to understand the usage of your current environment so that you can plan adequately for your target environment, especially if you plan to consolidate servers.

Four Steps toward planning a successful email migration

In general, a successful migration strategy will include the following steps:

1. Inventory your current environment
2. Analyze usage
3. Identify unused assets
4. Clean up unused assets

Following these steps can help make your migration faster and less stressful, and significantly reduce the risk of unplanned downtime or even migration failure. A comprehensive reporting solution for your messaging and unified communications platform, such as MessageStats from Dell Software, can help ensure a successful migration and simplifies the process by collecting all the migration reports in a single migration node (see Figure 1). Let's see how MessageStats can help with each of the steps listed above.

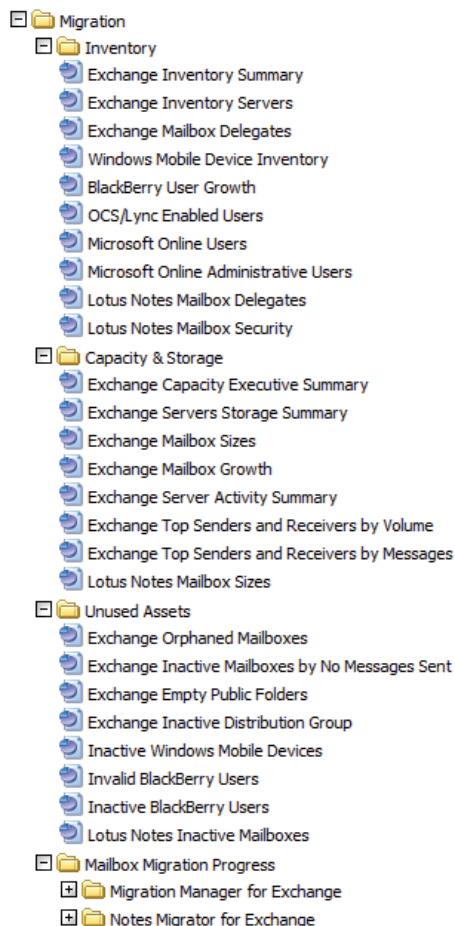


Figure 1. List of Migration Reports (Migration Node).

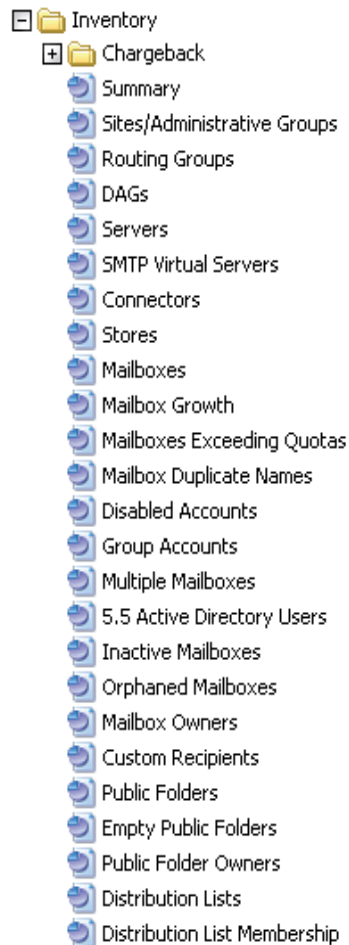


Figure 2. MessageStats includes a wide range of inventory reports.



Organization	Site/Administrative Groups	Routing Groups	Servers	Connectors	SMTP Virtual Servers	Storage Groups	Private Stores	Public Stores	Mailboxes	Custom Recipients	Distribution Lists	Public Folders
ACME Software	17	17	31	111	30	28	28	25	1,700	428	1,444	7,098
WZCENG	8	5	8	9	4	4	4	4	498	19	193	65
Total	25	22	39	120	34	32	33	29	2,198	439	1,637	7,161

Figure 3. The Inventory Summary report shows all the assets in your organization.

Step 1: Inventory your current environment

A modern messaging infrastructure can comprise many assets: mail servers, mailboxes, accounts, connectors, mobile devices and shared resources such as public folders and shared or group mailboxes. Different servers may be assigned different roles or functions, and various third-party applications or services may depend on the current messaging infrastructure. Therefore, it is of paramount importance to know exactly what you have before you even begin a migration project.

MessageStats inventory reports

MessageStats comes with a number of inventory reports that reveal what objects comprise your source messaging infrastructure. These reports are listed in Figure 2.

Listing all your assets

If your source environment is Microsoft Exchange, it is very easy to create an Inventory Summary report that lists all your assets—even across multiple Exchange organizations (see Figure 3). This is particularly useful if you are planning a consolidation after a merger or acquisition

Drilling down to detailed information

To drill down to more detailed information, simply click on a hyperlink in the Inventory Summary report. For instance, clicking on the hyperlink for the number of servers will produce the Inventory—Servers report, which is shown in Figure 4.

If your source environment is Microsoft Exchange, it is very easy to create an Inventory Summary report that lists all your assets—even across multiple Exchange organizations.

Inventory - Servers

11/25/2010 5:49:23 PM +0000

Show Filters

Organization: ACME Software

Server	Site/Administrative Group	Private Stores	Public Stores	Mailboxes	Public Folders
ALVMBXW01	IRVINE1	1	1	330	8
AMSMBXW01	AMSTERDAM	1	1	7	30
CHIMBXW01	CHICAGO	1	1	110	73
CMHMBXW01	IRVINE1	1	1	58	6
COLMBXW01	COLOGNE	1	1	60	109
COPMBXW01	COPENHAGEN	1	1	16	38
DALMBXW01	DALLAS	1	1	26	30
HALMBXW01	HALIFAX	1	1	88	31
HOLMBXW01	HOUSTON	1	1	47	40
IR2MBXW01	IRVINE2	1	1	25	30
IRVBHXW01	INFRASTRUCTURE	1	0	0	0
IRVBHXW02	INFRASTRUCTURE	1	0	0	0
IRVBHXW03	INFRASTRUCTURE	1	0	0	0
IRVMBXW01	IRVINE1	0	0	0	11
IRVMBXW02	IRVINE1	0	0	0	12
IRVMBXW03	IRVINE1	0	0	0	8
IRVPFXW01	IRVINE1	1	1	1	2,026
ISRMEXW01	IRVINE1	1	1	34	38
KANMBXW01	KANATA	1	1	72	34
MELBHXW01	MELBOURNE	1	0	0	0

Figure 4. MessageStats enables you to easily drill down to learn more about any particular asset. For example, this report provides detailed information on your servers.



Mobile users and devices often require special planning before migration. MessageStats can help you understand your current environment and its growth trends.

Display Name: Abbott Spitzer

Mailbox Delegate	Server/DAG	Department	Organization	Date
Dyane Parypa	TORMBXW01	Corporate	ACME Software	11/16/2010

(1 records)

Display Name: Aidan Biersach

Mailbox Delegate	Server/DAG	Department	Organization	Date
Abraham Gunter	KANMBXW01	Marketing	ACME Software	11/16/2010

(1 records)

Display Name: Aidan McLenaghan

Mailbox Delegate	Server/DAG	Department	Organization	Date
Mackenzie Slozil	UKBMBXW02	Sales	ACME Software	11/16/2010

(1 records)

Display Name: Alberta Clinkard

Mailbox Delegate	Server/DAG	Department	Organization	Date
Percival Teichman	ALVMBXW01	Pre Sales	ACME Software	11/16/2010
Urbano Ribi	ALVMBXW01	Pre Sales	ACME Software	11/16/2010

(2 records)

Figure 5. The Mailbox Delegates report shows who has been delegated access to each mailbox.

Monitoring access to target assets by source accounts

If your migration project is scheduled over a period of time, you need to know which accounts in the source environment have access to assets that have already been migrated. These accounts may include mailbox delegates, such as assistants who have access to a supervisor’s mailbox to set calendar

items and the like. MessageStats’ Mailbox Delegates report is shown in Figure 5.

Understanding your mobile devices and users

Mobile users and devices often require special planning before migration. MessageStats can help you understand your current environment and its growth trends. For example, you can review your BlackBerry and Exchange ActiveSync

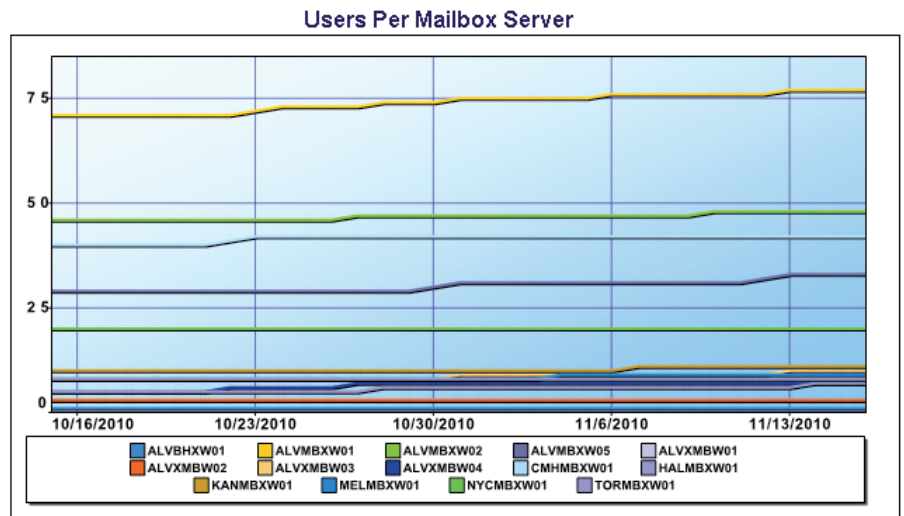


Figure 6. The BES Growth report shows BlackBerry Enterprise Server user growth per server.



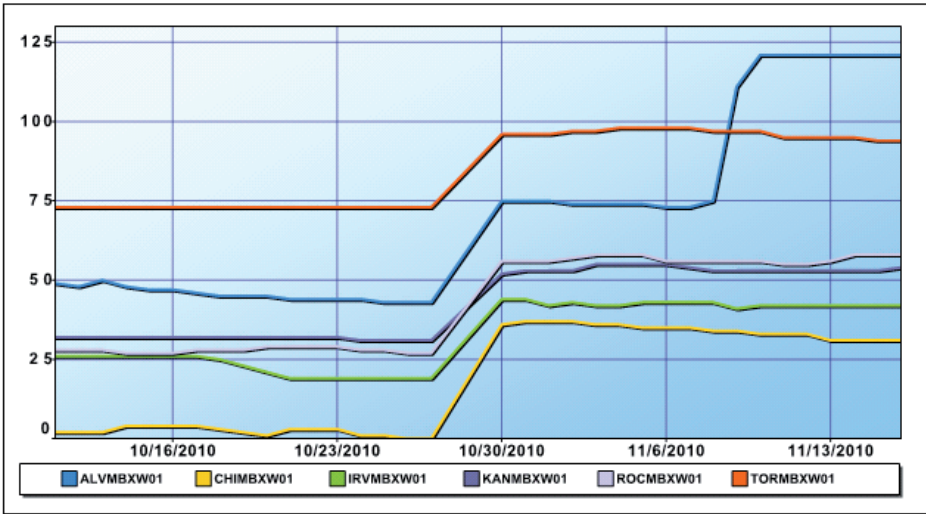


Figure 7. The ActiveSync Growth report shows ActiveSync user growth per server.

users and devices grouped by mail server, mobile platform server, carrier and so on, as well as information on the growth in these areas over time, as shown in Figure 6 and Figure 7.

Understanding your source Lotus Notes environment

MessageStats also helps with migrations from Lotus Notes to Exchange by providing a detailed inventory of the source Notes environment prior to the migration.

Step 2: Analyze usage

Once you know what assets you have in your source environment, the next step is to determine how they are being used. Migrating to a new platform usually entails purchasing new hardware. Understanding the current utilization of your infrastructure (servers, storage, etc.)

will help you determine whether you are nearing capacity and should plan for additional hardware, or whether certain assets are currently underutilized and could be consolidated.

Understanding current capacity, storage usage and trends

MessageStats shows you how the capacity in your organization has changed over time and forecasts future trends, as shown in Figure 8.

You can also see similar information about storage, as shown in Figure 9.

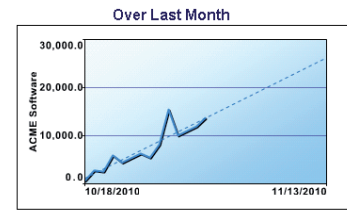
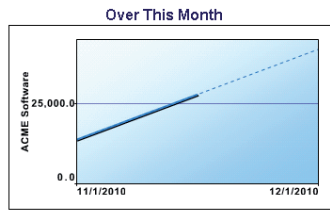
Understanding mailbox and mobile device usage and trends

MessageStats also reports on the growth in the number of mailboxes, mobile devices and other assets over time so that you can design your new

MessageStats shows you how the capacity in your organization has changed over time and forecasts future trends.



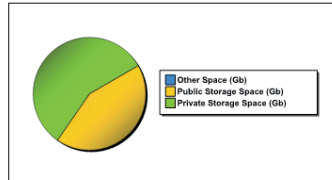
Exchange Storage



The Average Growth Rate for ACME Software is 101.87%.
 The Average Public Store Growth Rate for ACME Software is 104.37%.
 The Average Private Store Growth Rate for ACME Software is 99.95%.

The Average Growth Rate for ACME Software is 1,944.17%.
 The Average Public Store Growth Rate for ACME Software is 3,786.89%.
 The Average Private Store Growth Rate for ACME Software is 1,392.49%.

Storage Snapshot

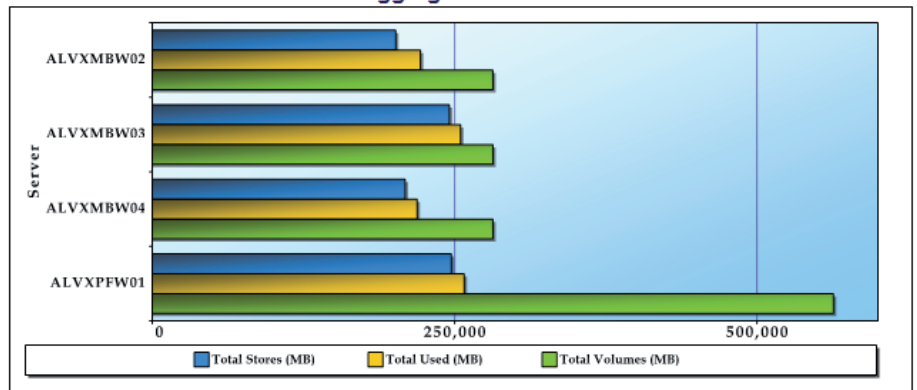


The Space Used By All Stores for ACME Software is 39,130.7 GB.
 The Disk Space Available on all Servers for ACME Software is 1,069.53 GB.

With MessageStats, you can also see how much traffic each mail server is sending and receiving.

Figure 8. The Capacity Summary shows how the capacity in your organization has changed over time and forecasts future trends.

Aggregate Size



Server Storage Volume % Used

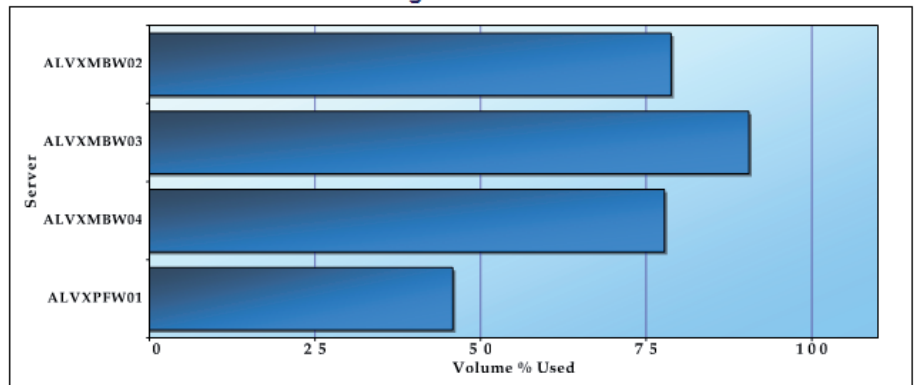


Figure 9. MessageStats shows how your storage capacity has changed over time and forecasts future trends.



Mailbox Growth By Organization



Figure 10. MessageStats reports on mailbox growth over time.

environment to support this growth in the future (see Figure 10).

Assessing current mail server traffic

With MessageStats, you can also see how much traffic each mail server is sending and receiving, as shown in Figure 11. With this information, you can evaluate whether any lightly used servers could be consolidated and determine the optimal number of servers in your new environment.

Identifying top email users

MessageStats will also identify the largest consumers of mail in your current infrastructure (see Figure 12 and Figure 13). Which users have the largest mailboxes, and do those mailboxes have quotas set? Which users send and receive the most email, and where are these users located? You can then make special considerations for migrating these power users and design the target infrastructure appropriately to meet their needs.

MessageStats will also identify the largest consumers of mail in your current infrastructure.

Messages Summary

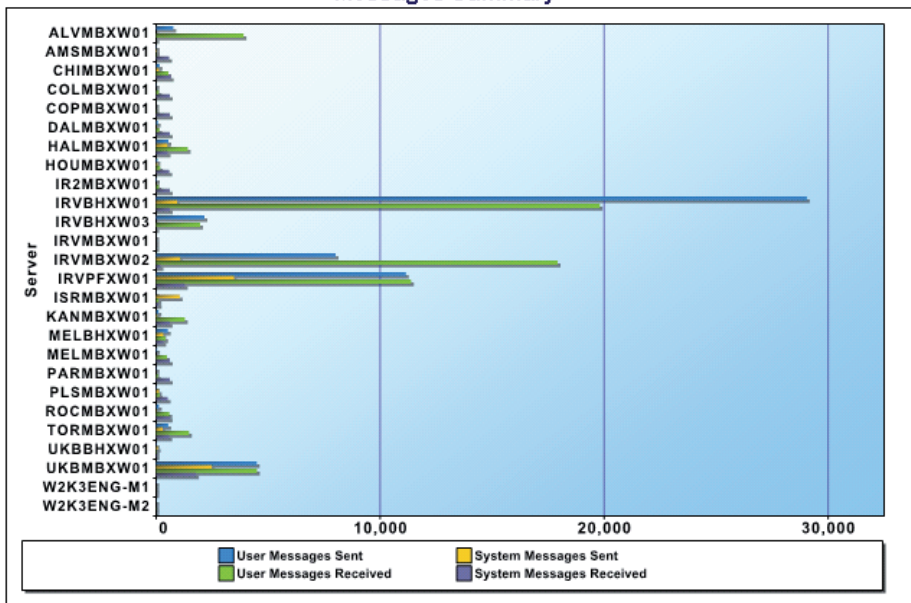
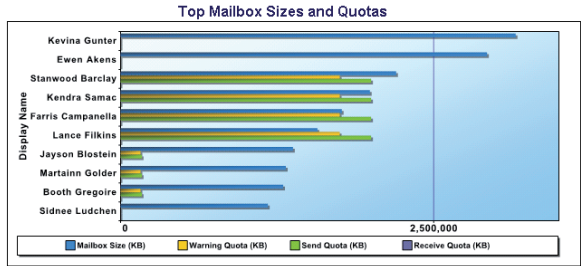


Figure 11. The Server Activity Summary report shows how many user and system messages each server has sent and received.



Identify any assets in your source environment that are currently either totally unused or used only sporadically.



Display Name	Mailbox Size (KB)	Messages Stored	Storage Limits	Warning Quota (KB)	Send Quota (KB)	Receive Quota (KB)	Server/DAG	Department	Date
Kevin Gunter	3,154,528	32,802	No Checking	0	0	0	ALVMBXW01	Legal	11/16/2010
Ewen Akens	2,925,827	37,931	No Checking	0	0	0	IRVDAGW01	Executive	11/16/2010
Stanwood Barclay	2,200,071	45,546	Sending Prohibited	1,750,000	2,000,000	0	CMHMBXW01	Corporate	11/16/2010
Kendra Samac	1,990,594	25,820	Warning Issued	1,750,000	2,000,000	0	IRVDAGW01	Legal	11/16/2010
Farris Campanella	1,766,162	31,995	Warning Issued	1,750,000	2,000,000	0	ALVMBXW01	Legal	11/16/2010
Lance Filkins	1,572,124	17,693	Below Limit	1,750,000	2,000,000	0	IRVDAGW01	Executive	11/16/2010
Jayson Blostein	1,376,798	7,898	Sending Prohibited	158,920	168,960	0	IR2MBXW01	Systems Consultants	11/16/2010
Martainn Golder	1,320,034	29,851	Sending Prohibited	158,920	168,960	0	COLMBXW01	Sales	11/16/2010
Booth Gregoire	1,298,208	10,831	Sending Prohibited	158,920	168,960	0	ALVMBXW01	Accounting	11/16/2010
Sidnee Ludchen	1,175,853	12,630	No Checking	0	0	0	ALVMBXW01	Sales	11/16/2010
Total	18,780,000	252,997							
Avg	1,878,000	25,299							

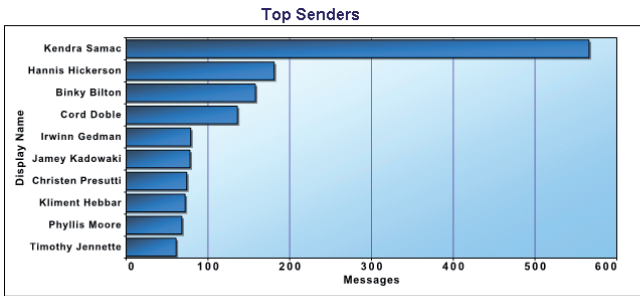
(10 records)

Figure 12. Learn which users have the largest mailboxes and what their quotas are.

Step 3: Identify unused assets

To minimize migration work and optimize your target environment, you need to identify any assets in your source environment that are currently either

totally unused or used only sporadically, and then evaluate whether they are truly required in the new environment.



Organization: ACME Software

Display Name	Department	Server/DAG	Region	Messages	Volume (KB)	Average Size (KB)
Kendra Samac	Legal	IRVDAGW01		566	999	2
Hannis Hickerson	Accounting	ALVMBXW01	ACME United States Of America	181	7,091	39
Binky Bilton	Research and Development	IRVDAGW01		158	2,045	13
Cord Doble	Accounting	ALVMBXW01	ACME United States Of America	136	788	6
Irwin Gedman	Legal	IRVDAGW01		79	302	4
Jamey Kadowaki	Accounting	ALVMBXW01	ACME United States Of America	78	108	1
Christen Presutti	Professional Services	DALMBXW01	ACME United States Of America	74	7,252	98
Kliment Hebbar	Sales	IRVDAGW01		72	269	4
Phyllis Moore	Accounting	ALVMBXW01	ACME United States Of America	68	1,788	26
Timothy Jennette	Accounting	ALVMBXW01	ACME United States Of America	61	203	3
Total				1,473	20,845	
Avg				147	2,085	20

(10 records)

Figure 13. The Top Senders report shows which users send the largest number or volume of emails.



Organization: ACME Software

Display Name	Server/DAG	Last Logon Date	Last Mail Sent	Last Mail Received
Almeria Inoue	IR2MBXW01	11/14/2010 12:18:00 PM	9/21/2010	11/14/2010
Catie MacMillan	IRVDAGW01	10/6/2010 3:26:00 AM	9/19/2010	11/16/2010
Curran Angerer	CHIMBXW01	11/15/2010 7:37:00 PM	9/24/2010	11/16/2010
Egbert Komatsu	ISRMBOXW01	10/21/2010 5:41:00 PM	9/24/2010	11/16/2010
Ev Krajacic	ISRMBOXW01	9/24/2010 5:43:00 AM	9/24/2010	11/16/2010
Jamaal Cordy	IRVDAGW01	9/19/2010 2:53:00 AM	9/20/2010	11/15/2010
Janean Pandey	CHIMBXW01	11/15/2010 7:37:00 PM	9/16/2010	11/16/2010
Kalle Sagan	HOUMBXW01	11/14/2010 10:06:00 PM	9/18/2010	11/5/2010
Kalli Nishida	CHIMBXW01	11/15/2010 7:37:00 PM	9/15/2010	11/14/2010
Kim Ouelette	ROCMBOXW01	11/14/2010 7:05:00 PM	9/15/2010	11/16/2010
Marney Hendrycks	ALVMBXW01	10/15/2010 9:23:00 AM	9/19/2010	11/16/2010
Rosalind Rentz	ROCMBOXW01	11/14/2010 7:05:00 PM	9/18/2010	11/15/2010
Stillman Dipper	MELMBXW01	11/16/2010 12:32:00 AM	9/18/2010	11/16/2010

(13 records)

Figure 14. The Inactive Exchange Mailboxes report list mailboxes that have had no email activity.

Finding inactive mailboxes

MessageStats comes with several reports (see Figure 14) that identify Exchange and Notes mailboxes that can be considered inactive and could be deleted or archived before the migration.

Identifying orphaned mailboxes

Another good example of an unused asset is when employees have left the organization but their mail accounts and data have been retained so that managers or colleagues can access them. MessageStats will identify these orphaned assets so you can assess whether they will be required in the new

environment or should be deleted before the migration (see Figure 15).

Finding shared resources that are no longer needed

Organizations often create shared resources, such as distribution lists, contacts, group mailboxes and public folders, for a specific purpose like a project or sales campaign, but often fail to delete the resource when it is no longer needed. MessageStats can report on these resources (see Figure 16 and Figure 17) so you can remove them as appropriate and thereby minimize the amount of data you have to migrate to your new environment.

MessageStats will identify orphaned assets so you can assess whether they will be required in the new environment or should be deleted before the migration.

Organization: ACME Software

Display Name	NT Account	Mailbox Size (KB)	Messages Stored	Server/DAG	Department
Zebulen Snelgrove		162,453	4,329	KANMBXW01	Marketing
Flinn Krajacic		159,973	1,586	MELMBXW01	Legal
Zorine Gillespie		156,891	5,694	ALVMBXW01	Sales
Zared Letch		132,388	5,074	PLSMBXW01	Product Management
Zilvia Majernik		66,977	49,464	CHIMBXW01	Sales
Zebulen Cayer-Fleck		10,324	8,416	TORMBXW01	Information Services
Zebulen Pawlitw		3,558	1,560	IRVDAGW01	Information Services
Total		692,565	76,123		
Avg		98,938	10,874		

(7 records)

Figure 15. The Orphaned Mailboxes report shows all mailboxes that are not connected to user accounts.



Root Public Folder: All Public Folders
 Server: CHIMBXW01
 Organization: ACME Software
 Site/Administrative Group: CHICAGO
 Region: ACME United States Of America

Public Folder	Folder Path	Primary SMTP Address	Date
Deleted Items	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Deleted Items	111aa4@ACME.com	11/16/2010
Drafts	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Drafts	111b11@ACME.com	11/16/2010
Inbox2for PSO	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Inbox2for PSO\Inbox1\Inbox2for PSO		11/16/2010
Inbox2for PSO	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Inbox2for PSO\Inbox2\Inbox2for PSO		11/16/2010
Inbox2for PSO	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Inbox2for PSO\Inbox-SC Scheduling\Inbox2for PSO		11/16/2010
Outbox	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Inbox2for PSO\Inbox-SC Scheduling\Outbox	2c52a6@ACME.com	11/16/2010
Inbox2forPSO	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Inbox2for PSO\Inbox-SC Scheduling\Inbox2forPSO		11/16/2010
Outbox	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Inbox2for PSO\Inbox-SC Scheduling\Outbox		11/16/2010
Journal	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Journal		11/16/2010
Sent Items	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\Sent Items	SentItems6@ACME.com	11/16/2010
Tasks	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\TWANNATasks	Tasks@ACME.com	11/16/2010
Tasks1	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\TWANNATasks1	Tasks1@ACME.com	11/16/2010
Tasks2	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\TWANNATasks2	Tasks2@ACME.com	11/16/2010
Tasks3	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\TWANNATasks3	Tasks3@ACME.com	11/16/2010
Tasks4	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\TWANNATasks4	Tasks4@ACME.com	11/16/2010
Tasks5	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\TWANNATasks5	Tasks5@ACME.com	11/16/2010
Tasks6	All Public Folders\ACME Software\Sales\SC Resources\SC Scheduling\TWANNATasks6	Tasks6@ACME.com	11/16/2010
Internet Newsgroups	All Public Folders\Internet Newsgroups		11/16/2010 (18 records)

Mobile devices are also assets that should be assessed prior to a migration.

Figure 16. The Empty Public Folders report helps you identify and delete resources that are no longer needed.

Identifying invalid or inactive mobile devices

Mobile devices are also assets that should be assessed prior to a migration. Depending on the platforms in use, there could be accounts that are invalid (ones that have an account in the mobile

platform but no corresponding mailbox for delivery in the messaging platform) or devices that are currently used rarely or inactive that could be redeployed to other users. MessageStats offers several reports that identify these devices (see Figure 18, Figure 19 and Figure 20).

Organization: ACME Software

Distribution List	SMTP Address	Scope	Type	Member Count - Total	Total Member Count - Total	Last Mail Received
ALL.MS.SALES.NA.SOUTH	ALL.MS.SALES.NA.SOUTH@ACME.COM	Global	Distribution Group	0	0	11/10/2010
ALL.MS.SALES.NA.SOUTH.INSIDE	ALL.MS.SALES.NA.SOUTH.INSIDE@ACME.COM	Global	Distribution Group	0	0	
ALL.MS.SALES.NA.WEST	ALL.MS.SALES.NA.WEST@ACME.COM	Global	Distribution Group	0	0	11/10/2010
ALL.MS.SALES.NA.WEST.INSIDE	ALL.MS.SALES.NA.WEST.INSIDE@ACME.COM	Global	Distribution Group	0	0	
ALL.R&D.TORONTO.COOPS	ALL.R&D.TORONTO.COOPS@ACME.COM	Global	Distribution Group	0	0	11/14/2010
APACCTXBSI	APACCTXBSI@ACME.COM	Global	Distribution Group	0	0	
AUS.MARKETING	OZ.MARKETING@OZ.ACME.COM	Universal	Distribution Group	0	0	
BBPM	BBPM@ACME.COM	Universal	Distribution Group	0	0	
Beamish PLUS CLIENT	VISTAPLUSCLIENT@ACME.COM	Universal	Distribution Group	0	0	11/3/2010
Beamish PLUS PARSING#INDEXING	VISTAPLUSPARSING_INDEXING@ACME.COM	Universal	Distribution Group	0	0	11/3/2010
Beamish PLUS PARTNERS	VISTAPARTNER@ACME.COM	Universal	Distribution Group	0	0	
CALGARY DEV	CALGARYR&D@ACME.COM	Universal	Distribution Group	0	0	9/17/2010
CALGARY LEADS	CALGARYLEADS@ACME.COM	Universal	Distribution Group	0	0	
CALGARY MIS	CALGARYMIS@ACME.COM	Universal	Distribution Group	0	0	9/17/2010
CALGARY OFFICE	CALGARY.OFFICE@ACME.COM	Universal	Distribution Group	0	0	10/6/2010
CALGARY GA	CALGARYGA@ACME.COM	Universal	Distribution Group	0	0	9/17/2010
CANADA - EVERYONE	CANADA.EVERYONE@ACME.COM	Universal	Distribution Group	0	0	9/19/2010

Figure 17. MessageStats will also identify all groups without any members.



User	User Group	Mailbox Server	Mailbox DN	BlackBerry Model	Carrier	Creation Time	Activation Time	Last Message Delivery
Egon Preston-Thomas	ACME BlackBerry Users	HALMBW01	/o=ACME Software/ou=Hallfax/cn=Recipients/cn=MhaseM	8100	Rogers Wireless	12/29/2009 7:22:50 AM -0500	3/18/1973 8:00:00 PM -0400	11/16/2010 11:15:55 AM -0500
Laurette Paglia	ACME BlackBerry Users	HALMBW01	/o=ACME Software/ou=Hallfax/cn=Recipients/cn=PaSu	7130e	TELUS	10/13/2009 1:16:14 PM -0400	3/18/1973 8:00:00 PM -0400	11/16/2010 8:32:56 AM -0500
Malvin Rokas	ACME BlackBerry Users	HALMBW01	/o=ACME Software/ou=Hallfax/cn=Recipients/cn=Jeff P	7250	Telus	1/20/2009 2:05:18 PM -0500	2/17/2010 1:17:53 PM -0500	11/16/2010 9:48:53 AM -0500
Thomas Barriere	ACME BlackBerry Users	HALMBW01	/o=ACME Software/ou=Hallfax/cn=Recipients/cn=con	7250	Telus	11/16/2010 2:28:47 PM -0500	11/16/2010 11:35:36 AM -0500	11/16/2010 8:08:54 AM -0500
Tier Blodgett	ACME BlackBerry Users	HALMBW01	/o=ACME Software/ou=Hallfax/cn=Recipients/cn=R	7130e	Roaming	12/11/2009 2:51:31 PM -0500	3/18/1973 8:00:00 PM -0400	11/16/2010 7:21:31 AM -0500
Weslow McDonnell	ACME BlackBerry Users	HALMBW01	/o=ACME Software/ou=Hallfax/cn=Recipients/cn=twils	7250	TELUS	10/9/2010 9:58:33 AM -0400	10/9/2010 7:01:36 AM -0400	11/16/2010 4:07:33 PM -0500

Figure 18. The Invalid BES Users report lists all BES accounts that do not have a corresponding mailbox configured.

The final step is to evaluate your existing assets, especially those that are underutilized, invalid or unused.

User	Last Message Time	User Group	Mailbox Server	Mailbox DN	BlackBerry Model	Carrier
Travers Komorowski	10/31/2010 2:09:48 PM -0400	ACME BlackBerry Users	ALVMBXW01	/o=ACME Software/ou=Newport Beach/cn=Recipients/cn=Melarek	8830	Verizon Wireless
Nessy Codrington	10/9/2010 10:35:30 AM -0400	ACME BlackBerry Users	CMHMBXW01	/o=ACME Software/ou=Newport Beach/cn=Recipients/cn=Jeffon	7130e	Verizon Wireless
Grethel Dorrell	7/17/2010 12:06:50 PM -0400	ACME BlackBerry Users	CMHMBXW01	/o=ACME Software/ou=IRVINE/cn=Recipients/cn=Z	7130e	Verizon Wireless

Figure 19. The Inactive BES Users reports list all BES accounts that have had no mail activity.

Step 4: Clean up unused assets

The final step is to evaluate your existing assets, especially those that are underutilized, invalid or unused. You can easily add fields to any MessageStats report to help with this task. For instance, you might add Owner, Phone Number, Assistant or Last Logged On By to the Orphaned Mailboxes Report to identify the person who can confirm whether each mailbox is truly orphaned (see Figure 21).

Assets that will not be required in the new environment can be left in the source environment, backed up and then deleted, or archived with a tool such as Archive Manager from Dell Software. Also consider backing up or archiving old messaging data (mail, calendar items, contacts, posts, etc.) that might not need to be migrated to the new environment. MessageStats can identify mailboxes and public folders that contain data older than a particular date, so you can reduce

User	Organization	Mailbox Server/DAG	SMTP Address	Device ID	First Sync Time	Last Successful Sync	Device Type
Buster March	ACME Software	ALVMBXW01	Buster.March@ACME.COM	9941D99CB667701A77F18E46630EC	4/28/2010 2:47:43 AM	5/16/2010 3:01:56 PM	SmartPhone
Minor Stevens	ACME Software	IRVDAW01	Minor.Stevens@ACME.COM	707B28D24C8BCDA8464C1F4BAAD31	4/12/2010 10:19:05 PM	5/26/2010 1:01:58 AM	PocketPC
Tate Butta	ACME Software	IRVDAW01	Tate.Butta@ACME.COM	F8F2A308F6C538786124B3E4F3555	4/4/2010 1:05:35 AM	5/19/2010 5:34:22 PM	PocketPC

Figure 20. The Inactive ActiveSync Devices report lists all devices that have not been synchronized during a specified period

Display Name	NT Account	Mailbox Size (KB)	Messages Stored	Server/DAG	Department
Zebulen Snelgrove		162,453	4,329	KANMBXW01	Marketing
Flinn Krajacic		159,973	1,586	MELMBXW01	Legal
Zorine Gillespie					Sales
Zared Leitch					Product Management
Zilvia Majernik					Sales
Zebulen Cayer-Fleck					Information Services
Zebulen Pavlitw					Information Services
Total					
Aug					

Insert Field -- Web Page Dialog

Select a Field

- Initials
- Last Logged On By
- Last Logon Date
- Last Mail Received
- Last Mail Sent
- Last Name
- Mailbox DN
- Mailbox Email
- NT Account Domain Version

OK Cancel

Figure 21. You can easily add fields to any MessageStats report.



Organization: ACME Software

Public Folder: MSDN

Item Date/Time	Originator	Subject	Recipients	Size (KB)
9/9/2008 9:15:35 AM	2K3ENGM1-034	W2K3ENG - sm.exe message 1 on Sunday December 28 2003 04:15:34	W2K3M1PF02	1
9/2/2008 9:15:37 AM	2K3ENGM1-034	W2K3ENG - sm.exe message 1 on Sunday December 21 2003 04:15:37	W2K3M1PF02	1
8/26/2008 9:15:35 AM	2K3ENGM1-034	W2K3ENG - sm.exe message 1 on Sunday December 14 2003 04:15:35	W2K3M1PF02	1
8/19/2008 9:15:35 AM	2K3ENGM1-034	W2K3ENG - sm.exe message 1 on Sunday December 07 2003 04:15:35	W2K3M1PF02	1
Total				3
Avg				1

(4 records)

Figure 22. The PF Content Analysis report helps you identify old data that may not be needed in the new target environment.

With MessageStats, you can easily inventory your current environment, analyze current usage trends and identify unused assets so you can clean up your source environment.

the amount of data you need to migrate (see Figure 22).

Conclusion

No matter why you are migrating to a new messaging platform, MessageStats will provide you with the information you need to plan a successful and efficient project. With MessageStats, you can easily inventory your current environment, analyze current usage trends and identify unused assets so you can clean up your source environment before the migration begins. The result will be a faster and easier migration and a cleaner target environment.

In addition to helping ensure an efficient and successful migration, MessageStats can also help you manage your new messaging environment more effectively. MessageStats is used by thousands of administrators daily to report on 15 million mailboxes. In addition to migrations, MessageStats can help you with:

- **Compliance, auditing and security**— MessageStats provides regulation-specific and internal control reports for managers, administrators, and Legal and HR staff to help ensure regulatory compliance and security.

- **Performance and availability**—Management can ensure that service level agreements (SLAs) are met by using MessageStats' reports on delivery times, resource usage, capacity, storage, quotas, audited mailboxes or domains, distribution lists, public folders, and more. In addition, IT staff can monitor and track server growth, email quotas, message sizes, configuration, and use of mailboxes, public folders, distribution lists and contacts. They can also identify and eliminate unused accounts, mailboxes and servers, and underused stores, devices and storage.
- **Automation and administration**— MessageStats automates reporting to facilitate decision-making and planning and reduces administration time and complexity by enabling you to monitor multiple messaging server platforms from a single console.



For More Information

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