

Quest® Migrator for Notes to Exchange 4.15.0

Release Notes

June 2017

These release notes provide information about the Quest® Migrator for Notes to Exchange release.

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About Migrator for Notes to Exchange

Migrator for Notes to Exchange (MNE) is a set of coordinated software applications designed to facilitate a variety of migration strategies for organizations moving from a Lotus Domino server, with Lotus Notes clients, to a Microsoft Exchange environment with Outlook clients. MNE can migrate either to a proprietary Exchange environment, or to a hosted Exchange service like Microsoft's Office 365.

MNE 4.15.0 is a minor release, with enhanced features and functionality. See the [Enhancements](#) and [Resolved issues](#) sections below.

Removed features

In this release, MNE support for migrations from BlackBerry has been removed. Blackberry related features have been removed from the software and the corresponding information has been removed from the documentation.

Enhancements

The following is a list of enhancements implemented in Migrator for Notes to Exchange 4.15.0.



IMPORTANT: Breaking change.

The enhancement 674823 contains a breaking change to the [TimeZoneInfo] Program Parameter. If your installation currently contains configuration data in the [TimeZoneInfo] section, this configuration data must be updated. See the [TimeZoneInfo] section in the *NME Program Parameters Reference* for details.

Table 1. Enhancements

Enhancement	Issue ID
<p>The algorithm used to determine which email folders and views should be migrated has been updated to generate a cleaner migration with default settings. The old algorithm would attempt to migrate all folders and views. To prevent system folders and views from being migrated, it was required to explicitly list them in a [Filters] configuration.</p> <p>The new algorithm is more selective in the folders and views that it migrates. In addition to the standard folders and views that are typically migrated (e.g. "Inbox", "Sent", etc.) it only migrates folders and views that are identified as 'user' items. As a result, a clean migration should be possible with no folder filters specified at all.</p> <p>The following parameters can be used to customize the migration of folders and views:</p> <ul style="list-style-type: none">[ArchiveData] MigrateViews[Filters][IncludeFoldersAndViews] (New)[Notes] StandardAndUserFoldersOnly (New)[Notes] ViewAndFolderFlagPattern (New)[ServerData] MigrateViews	696958
Windows Server 2016 is now supported.	695736
<p>When migrating to Office 365, in order to avoid limitations that could lead to throttling, the migration wizard now uses an Admin Pool account to run PowerShell cmdlets.</p> <p>NOTE: Before provisioning Office 365 groups, a new Admin Role must be added to the MNE Admin Role Group by running the Admin Account Pool Utility. To launch the utility, see "Office 365 Admin Account Pool utility" in the <i>Administration Guide</i>.</p>	693992
<p>Added support for the PidTagSenderSmtpAddress and PidTagSentRepresentingSmtpAddress MAPI properties. These properties enable you to perform search queries in Outlook using the sender's SMTP address. For example, From:john.doe@domain.com.</p>	689914
<p>In the Administration Guide, the description for the Import-MNECollections cmdlet has been updated.</p>	681024
<p>The Notes archive mailbox can now be migrated to an Archive folder when using pseudo root.</p> <p>The change is applicable to an Exchange Online and Exchange 2016 targets where an Archive folder is designated in the mailbox or in-place archive mailbox and when the INI setting [ArchiveData]UsePseudoRoot is set to 1 (default is 1).</p>	680544
<p>Added support for the additional MAPI time zone properties that were introduced in Office 2007. Support for these additional MAPI time zone properties corrects a scenario where mobile devices that sync their calendar to the migrated mailbox using ActiveSync (such as iOS and Android devices) may display All Day calendar events spanning multiple days instead of one day as expected. The new configuration parameter [TimeZoneNames] has been added.</p> <p>NOTE: This issue is unique to Exchange 2016 and Office 365. Older versions of Exchange do not exhibit this behavior.</p>	674823

Table 1. Enhancements

Enhancement	Issue ID
The migration of doclinks has been modified to enable support of doclinks in Outlook Web App. Previously, doclinks in migrated messages worked as expected in Outlook, but not in Outlook Web App. This was due to an issue with how Exchange converts the migrated RTF message body to HTML. To resolve this issue, the format of the doclink in RTF has been changed to a format that is compatible with the converter that Exchange uses to generate the HTML for Outlook Web App.	674589
Added an option to select whether or not private address book contact addresses are overridden by the primary address of matching public address book contact addresses. The new option is named [Notes] <code>OverridePabInternetAddress</code> . The default value is 1.	666434
A retry mechanism has been added for PowerShell connections. The <code>PSRetryAttempts</code> and <code>PSRetryWait</code> parameters now also apply to failed Powershell connections.	647271
The PowerShell cmdlet <code>Add-MNEMailboxAdminPermission</code> has been created to grant Admin rights to Office 365 mailboxes before running a migration. The PowerShell cmdlet <code>Remove-MNEMailboxAdminPermission</code> has been created to remove Admin rights after the migration.	646171
Option to skip migration of internet headers: By default, message internet headers are migrated. When internet headers are migrated, the Microsoft internet message header version string is added along with Received internet header information and the header is migrated. A new boolean program parameter in the [Notes] section of the Task Parameters and Global Defaults allows users to skip the migration of message internet headers. [Notes] <code>SkipInternetHeaders=<#></code> By default, the parameter is set to off (0).	624034
The licensing file format has been migrated from QLL generator to LV. If you are upgrading from an earlier version, the automated upgrade process will transfer the existing license key into the new version, so you do not need to re-install it. For new installations, the license installer will only install the new format license files (.dlv). The older format (.asc) is no longer supported.	440466
In previous releases, MNE migrates Notes mail-in databases like Resources to a User mailbox. They are now migrated to a Shared mailbox.	215660
The Program Parameter [General] <code>ContactDisplayNameFormat</code> has been added. This parameter gives you several options for how contact display names are migrated.	604652

Resolved issues

The following is a list of issues addressed in this release.

Table 2. Resolved Issues

Resolved issue	Issue ID
Resolved an issue where the MAPI <code>PidLidGlobalObjectId</code> property is not being set properly on recurring meeting exception attachments.	700630
Resolved an issue that occurs when the archive database is on a different Exchange server than the mail database. When loading a template, the Specify Exchange Mailbox Information page of the Migrate User Data wizard fails to select the archive database in the Personal Archives/Mailbox database drop down list.	704987
Resolved an issue where resource reservations created by an Exchange organizer through the CMN mail connector are not migrated properly if the meeting TOPIC is empty.	704129
Resolved an issue where recurring meetings with custom dates spanning a large date range are migrated with incorrect dates.	700459

Table 2. Resolved Issues

Resolved issue	Issue ID
Resolved an issue where the group member list for large groups was being truncated.	700245
Resolved an issue where the MigAppWorker.exe process intermittently terminates abnormally due to an access violation exception when migrating mailbox data to Office 365.	698491
Resolved an issue where migration Console pages are sized incorrectly on Japanese versions of Microsoft Windows	697803
The SSDM Scheduling Admin utility has been updated to use the NME.API. Before upgrading to 4.15.0, you must back up the SSDM Scheduling Administration utility configuration files. See Upgrade and compatibility .	696567
Improve special character handling for migration template names.	695320
The <i>Program Parameters Reference Guide</i> has been updated to include the parameters [General] MigrateRecentContacts and [General] RecentContactsFolder.	694168
Resolved an issue where the Prerequisite Checker reports the required version of PowerShell instead of the installed version.	693512
Optimized several SQL queries in the migration console to improve load times for the user data migration wizard.	692405
Resolved an issue where log entries have additional lines.	691117
Resolved an issue where the meeting state is incorrect when migrating draft meetings.	681207
Resolved an issue with migrating Draft Recurring meetings to Exchange 2016.	681206
Resolved an issue where the query specified in the [Notes] MailAndCalQueryFilter setting is not being applied to the migration of calendar items.	680767
Improve migration log and statistics for MAPI retry events. When MAPI retry is successful, errors that occurred before the retry are not logged.	680125
Resolved an issue with mailbox enabling Active Directory accounts after upgrading to Exchange 2016 CU 4.	674824
Resolved an issue where a rescheduled recurring resource meeting with a single instance is migrated using the original date/time instead of the updated date/time.	673996
Resolved an issue where group member role display is wrong when provisioning groups.	667758
In the <i>Program Parameters Reference Guide</i> , the description of the MessageRetryWait parameter does not show the correct default value of 30 seconds.	664609
Directory Export does not update the user's mail file path in the MNE database, even when the "Replace existing mail file paths" option is selected.	663457
Improved log file behavior for counting moved, remigrated, skipped, and filtered messages.	662328
The behavior of the MessageRetryCount parameter has been changed to match the description in the <i>Program Parameters Reference Guide</i> . The default value has been set to 2.	658378
Resolved an issue where the EWS connection that is used to configure delegates does not use the Pool Account assigned to the migration.	656897
The <i>Administration Guide</i> has been updated to indicate that when migrating to Office 365, the Exchange administrator account must have a license that includes an Exchange mailbox.	656896
Updated progress dialog and migration log entries so that an encrypted message is being counted properly as encrypted message instead of normal message.	655236
The MessageStats application has been removed from the installation bundle and from the product documentation.	653893
Improved logging behavior for remigrating to a mailbox with RemigrateMode=0. The log file now includes remigrated messages in the count.	653110
The documentation has been updated to indicate that the LanguageCode parameter applies to personal archives in addition to PST files.	651646
Improved handling of the 80040125 MAPI retry error.	650786
Corrected out of date error message regarding establishing a remote PowerShell connection.	648591

Table 2. Resolved Issues

Resolved issue	Issue ID
Resolved an issue where MNE truncates log files when there are special characters in the source data.	634793
Resolved an issue where auto-discover queries to Office 365 fail when connecting to Office 365 through a proxy server.	629007
Resolved an issue where PAB display names are not being migrated correctly.	604652
Resolved an issue where removing licenses from Office 365 accounts does not work if multiple licensing plans are available in the tenant.	604406
The section “Manage Collections: Manage Users” in the Administration Guide has been updated to correctly describe the function of the Import and Export buttons.	599318
Implemented improvements to the MAPI retry behavior. Another layer of retry logic was introduced for recovery from MAPI errors so that a new MAPI session is created without terminating the process and the migration resumes.	497930
Resolved an issue where a Prerequisites Checker error is displayed when the Exchange service account does not belong to the Organization Management group. The Exchange 2010 PowerShell session is now opened using the logged in user instead of using the credentials of the Exchange user that is being probed.	482515
Remove unnecessary logging information about resources when the target is Office 365 plus dirsync	469075

Known issues

Most of the known issues and limitations of any migration process are due to feature inconsistencies between the source and target environments. That is, features that are available in the Notes environment simply cannot be migrated to a target environment that does not offer the same or comparable features. Other limitations are due to feature incompatibilities, where similar features are available in both the source and target environments, but their implementations are so different that the migration may be impractical. In any case, most administrators regard these sorts of limitations as trivial or incidental to an overall migration project.

Quest distinguishes between known “issues” (listed here), which are believed to be temporary and likely to be resolved in a future release, and known “limitations,” which are believed to be inherent to the process and environmental architectures, and are likely permanent. Appendix A of the MNE *Pre-Migration Planning Guide* provides a list of all such known limitations of the migration process as facilitated by the current version of Migrator for Notes to Exchange.

The following is a list of issues, including those attributed to third-party products, known to exist at the time of this release.

Table 3. General known issues

Known issue	Issue ID
When a recurrence pattern for a series of meetings is supported in Notes but not supported in Outlook, and when the organizer OR attendee, but not both, has been migrated, some updates/cancelations/responses for single occurrences will not work.	227308
Meeting counter proposals that are not acted upon prior to migration to Exchange are not actionable after migration to Exchange.	227303
When the Data Migration Wizard removes forwarding from an Office 365 user, and there is no local AD, the Wizard successfully completes its run, but generates three errors-two of which are failed attempts to locate the user in AD.	100088
MNE truncates a Notes user's name if the Domino name exceeds the maximum name length in Exchange, but any subsequent run of the Directory Export Wizard will generate a duplicate object record, since the Wizard will not recognize the truncated name compared to the Notes original.	100071
Draft calendar items are migrated to Exchange, but after migration they are not fully functional.	100000

Table 3. General known issues

Known issue	Issue ID
A migrated recurring meeting may not correctly show the accept/decline status of a Notes user to whom a meeting invitee delegated the invitation, when the delegation and the delegee's acceptance or decline occurred prior to migration.	242781
MNE's Data Migration Wizard, when migrating PABs, currently migrates Contacts' Cell phone numbers (from Notes) into the Pager fields in the corresponding Exchange records.	88418
When migrating only iNotes contacts, the Notes Mail Files screen does not appear, so you cannot choose to migrate via the server or the file system. The program will run via file system if that's what you chose for your last migration, unless you go into the Task Parameters or INI file and change it.	57447
Exchange does not let other applications (including Notes Migrator for Exchange) set the owner property of items migrated to resource mailboxes.	57381
If migrating to Exchange 2013 or 2010: When merging contacts or mailbox-enabling in a migration to an Exchange 2013 or 2010 environment configured for one forest and multiple domains, the Global Catalog and Domain Controller settings (on the Active Directory Configuration screen of the Notes Migration Manager) must be set to a server in the domain that contains the Active Directory user objects to be merged or mailbox-enabled.	75388

Table 4. Directory Export Wizard known issues

Known issue	Issue ID
When using the Microsoft Transporter for coexistence and setting mail forwarding from Notes to Exchange, any subsequent run of the Directory Export Wizard will generate these errors (one per user): ERROR: [2448-147-22-00000000] Unable to import SMTP Address '[address]' The error occurs because the mail forwarding requires a modified address format, with two @ symbols, in the Notes person document. The Data Migration Wizard sets that address when setting mail forwarding, so the Directory Export Wizard then correctly flags it as an invalid SMTP address. Such errors may safely be ignored, since they are irrelevant after mail forwarding has been set.	56474

Table 5. SSDM known issues

Known issue	Issue ID
SSDM does not apply folder permissions properly for some users in the access control list. The folder permissions of the owner of the mailbox are applied properly.	605375
When migrating from Domino/Notes 9.0.1, meetings and appointments scheduled for the last Friday of the month for three months will not migrate to Exchange via the SSDM.	353408
When migrating from Domino/Notes 9.0.1, meetings with multiple recurrences per month will not migrate to Exchange via the SSDM.	353407

Table 6. Offline Migration known issues

Known issue	Issue ID
When migrating off-line, the <i>HTMLdoclinks</i> program parameter, in the [General] section of the Data Migration Wizard's task parameters, must be set to 0 (zero). The <i>HTMLdoclinks=0</i> setting tells the Wizard to migrate Notes doclinks as Notes-style doclinks, which can be opened in Exchange only if a Notes client is installed on the client workstation. By default (<i>HTMLdoclinks=1</i>), Notes doclinks would migrate to Exchange as HTML-style links, which can be opened in a web browser if the user is able to use iNotes, but that default setting will cause errors in an offline migration.	30886

Table 7. Outlook known issues

Known issue	Issue ID
Outlook archiving is not applied to migrated messages within the age range set for auto-archiving, because Outlook determines message age by Last Modified time, which it updates to the migration date/time upon migration. Since all migrated messages become zero days old as soon as they are migrated, and Outlook won't let the Data Migration Wizard reset that property to its true pre-migration date/time, the Outlook archiving feature skips the messages until they have "re-aged" to the archive age (typically 30 days) following migration, at which time all of the migrated messages will be archived.	58004

System requirements

- Lotus Domino servers
- Microsoft Exchange servers
- SQL server
- MNE admin migration servers
- End-user desktops (if running the SSDM)
- Server hosting the SSDM scheduling utility web service

i | **IMPORTANT:** The requirements listed here document the basic hardware and software requirements for Migrator for Notes to Exchange. MNE also requires certain configuration considerations and account permissions. Be sure to see these additional requirements in the MNE *Pre-Migration Planning Guide*, in chapter 1 under *Configuration requirements and account permissions*.

Before installing MNE, make sure your environment meets (or will meet) these minimum hardware and software requirements.

Lotus Domino servers

Supported Domino source environments (all ranges inclusive):

- Notes/Domino 9.0.0 and 9.0.1
- Notes/Domino 8.5.0-8.5.3, and 8.0.0-8.0.2
- Notes/Domino 7.0.0-7.0.4
- Notes/Domino 6.x
- **Lotus Live support:** MNE provides partial support for migrations from Lotus Live, via the SSDM, for Lotus Notes client versions 8.5.3 or newer. This feature also requires you configure your local Notes client for Lotus Live, as described in the MNE *Pre-Migration Planning Guide*, in chapter 1 under "Configuration requirements and account permissions".

Microsoft Exchange servers

i | **NOTE:** Migrator for Notes to Exchange supports Cumulative Update (CU) releases for all supported versions of Exchange. If you encounter an incompatibility with a newly released CU, contact Quest Support for a resolution.

Supported Exchange target environments:

- Exchange 2016: RTM
- Exchange 2013: RTM and SP1
- Exchange 2010: RTM, SP1, SP2 and SP3
- Microsoft Office 365: tenants E1, E2, E3, or E4

SQL server

MNE requires access to a Microsoft SQL Server. The following versions are supported:

- SQL Server 2008
- SQL Server 2008 Express Edition
- SQL Server 2008 R2
- SQL Server 2008 R2 Express Edition
- SQL Server 2012
- SQL Server 2012 Express Edition
- SQL Server 2014
- SQL Server 2014 Express Edition
- SQL Server 2016
- SQL Server 2016 Express Edition

Note the following:

- SQL must be installed either on the admin's migration server or on a separate server, with a minimum of 20GB free disk space.
- You may use an existing (installed) MS SQL Server, or install a new instance of SQL Server using one of the supported versions listed above.
- Quest recommends a full-featured (non-Express) edition of SQL Server for best performance of MNE's Directory Export Wizard, particularly for sites with a large number of groups or domains.

MNE admin migration servers

Operating systems supported for migration to...		Exchange 2016/2013/2010	Office 365
Windows Server 2016	64-bit	•	•
Windows Server 2012 or 2012 R2	64-bit	•	•
Windows 8	32-bit	•	
	64-bit	•	•
Windows Server 2008 SP2	32-bit	•	
	64-bit	•	
Windows Server 2008 R2	64-bit	•	•
Windows 7	32-bit	•	
	64-bit	•	•

Requirement	Description
Workstation hardware	<ul style="list-style-type: none"> • Must be a separate machine from the Exchange server, but a member of the same domain as AD and Exchange. • Minimum hardware requirements: <ul style="list-style-type: none"> • 2 GHz dual-core processor, 4GB memory, 20GB free disk space. • Recommended for improved performance, especially for high-volume migrations: <ul style="list-style-type: none"> • 2 GHz quad-core processor, 8GB memory. • 1 Gbps NIC, and 1 Gbps or faster network connections among all migration servers and the Exchange and Domino servers.
Required for all Exchange target types, including Office 365	<ul style="list-style-type: none"> • Windows Installer 4.5 (downloadable from this Microsoft link). • .Net Framework 4.0. • Microsoft SQL 2012 Native Client. • Microsoft SQL Server 2012 Command Line Utilities (a free download from the link provided in the MNE Autorun). • Windows PowerShell 3.0, which is part of Windows Management Framework 3.0 (included with any MNE-supported OS except pre-SP1 editions of Windows Server 2008 R2 and Windows 7). If PowerShell 3.0 does not come with your OS, you can download Windows Management Framework 3.0 at this Microsoft link. • Lotus Notes must be installed in single-user mode and configured. The Notes client version must be one of 9.0.0–9.0.1, 8.5.0–8.5.3 or 8.0.0–8.0.2 or 6.0.0–7.0.4 (all ranges inclusive), and should match or be higher than the Domino server version. • Default mail client must be a 32-bit edition (only) of Outlook 2013 or 2010. If migrating to Exchange 2016 or Exchange 2013 or Office 365, the required Outlook client must conform to Microsoft's requirements for Exchange 2016 or Exchange 2013 or Office 365, respectively. Quest recommends Outlook 2013 for migrations to Office 365. • The MAPI DLLs required to perform a migration must be those that are part of Outlook, not the downloadable Exchange "server" MAPI. • Update for Universal C Runtime in Windows. See the Microsoft knowledge base article KB2999226.
Also required for Office 365 target	<ul style="list-style-type: none"> • Microsoft's MSOL Sign-in Assistant x64 edition (available at this Microsoft link). • Microsoft's Azure AD Module for Windows PowerShell x64 edition (available at this Microsoft link).

End-user desktops (if running the SSDM)

An SSDM end-user workstation *may* be a virtual machine, but a dedicated "actual" machine will likely yield better migration performance.

Requirement	Description
Supported operating systems	<ul style="list-style-type: none"> Windows 10, Windows 8.1, Windows 8 or Windows 7: 32-bit or 64-bit edition. Windows Server 2016: 64-bit edition. Windows Server 2012 or 2012 R2: 32-bit or 64-bit edition. Windows Server 2008 SP2 or 2008 R2: 32-bit or 64-bit edition. Windows Vista (Business, Enterprise or Ultimate): 32-bit or 64-bit edition.
Required Outlook client	<p>Outlook 2016, 2013, 2010 or 2007: 32-bit or 64-bit edition.</p> <p>Quest recommends Outlook 2013 for migrations to Office 365.</p> <p>If migrating to Exchange 2016 or Exchange 2013 or Office 365, the required Outlook client must conform to Microsoft's requirements for Exchange 2016 or Exchange 2013 or Office 365, respectively.</p>
On each end user's SSDM desktop	<p>Microsoft .Net Framework version 2.0 to 3.5 must be installed.</p> <p>If end users will run the SSDM application from a network share (rather than from each user's own local copy): Each workstation must also have either .Net 3.5 SP1 (or later) installed, or a Code Access Security (CAS) policy granting full trust to SSDM in the network share. (See "Before Running the SSDM" in chapter 4 of the MNE Scenarios Guide for instructions to set the required CAS policy.)</p> <p>The MAPI DLLs required to perform a migration must be those that are part of Outlook, not the downloadable Exchange "server" MAPI.</p>
Required Lotus Notes client	<ul style="list-style-type: none"> 9.0.0 or 9.0.1 8.5.0–8.5.3 (inclusive) 8.0.0–8.0.2 (inclusive) 6.0.0–7.0.4 (inclusive)
Lotus Live support	<p>MNE provides partial support for migrations from Lotus Live, via the SSDM, for Lotus Notes client versions 8.5.3 or newer. This feature also requires that you configure your local Notes client for Lotus Live, as described in the MNE <i>Pre-Migration Planning Guide</i>, in chapter 1 under "Configuration requirements and account permissions".</p>

Server hosting the SSDM scheduling utility web service

ASP.net version 4.0 must be installed. If the SSDM Scheduling Web Service is running, you must change the .NET Framework version of the Application Pool used by the SSDM Scheduling Web Service to .NET 4.0.

Upgrade and compatibility

There is no need to uninstall a previous version before installing a new version. The upgrade installation and setup are fully automated, and will preserve any data already migrated by an earlier version, so you may simply resume the migration process from wherever you left off with the previous version.

IMPORTANT: Before upgrading to 4.15.0, you must back up the SSDM Scheduling Administration utility configuration files. See the section below for information on backing up the files.

- i | **IMPORTANT:** The upgrade process will back up your existing `pabreplicator.nsf`, `attrs.tsv`, `msgtypes.tsv`, `NMEPSErrorFile.xml`, `wte_template.htm`, `ybm_template.htm` and `ynma_template.html` files and copy them to the target installation folder.
- i | **IMPORTANT:** The enhancement 674823 contains a breaking change to the `[TimeZoneInfo]` Program Parameter. If your installation currently contains configuration data in the `[TimeZoneInfo]` section, this configuration data must be updated. See the `[TimeZoneInfo]` section in the *NME Program Parameters Reference* for details.

Backing up the SSDM Scheduling Administration utility configuration files

The following locally saved configuration files are overwritten as part of the upgrade to release 4.15.0. Make a back up copy of these files before performing the upgrade.

```
C:\Program Files (x86)\Dell\Migrator for Notes to Exchange\SSDM Scheduling Web Service\Bin\SchedulingGlobals.config
```

```
C:\Program Files (x86)\Dell\Migrator for Notes to Exchange\SSDM Scheduling Administration\AdminConfigPaths.xml
```

The upgrade procedure contains a step for restoring the files.

Product licensing

Migrator for Notes to Exchange is a metered-use product that requires the application of a valid license key. An MNE license key is installed MNE's Notes Migration Manager component.

Quest sells license keys for particular numbers of users to be migrated. When the limit is reached the software continues to function nominally for users that have already been migrated, but will not migrate additional users. The same license is used for all functions of a particular user (provisioning, forwarding, migration, etc.), and the user license count increments the first time any program function is applied to each user. That is, when any feature of any MNE component is applied to a particular user, then all features of all components can be applied to the same user under the same license. Moreover, users can be re-migrated (if necessary) using the original licenses; re-migration does not require an additional license.

A trial license is intended to let you try the MNE software in your own environment, with your own data, to help you determine whether MNE's capabilities are suitable to your needs. Under a trial license, therefore, the program stamps a "MIGRATION EVALUATION" prefix into the *Subject* of every migrated message, and also imposes these limitations:

- Calendar items more than two weeks into the future are not migrated.
- When migrating personal address books, only five contacts and five groups are migrated per PAB.

You can obtain your first or a subsequent license key by contacting a Quest Software sales representative. For either a trial or perpetual license, the key uses one of the following formats

- MigratorNotesEX-###-#####.dlv
- MigratorNotesEX-###-###-###.dlv

where `###-#####` or `###-###-###` represents your unique license number. The file is sent to you from Quest Licensing as an email file attachment. Copy the license key file to your Desktop, or to some other convenient location.

The product will install without a license key, but will prompt you to apply a license key the first time you try to run the software. You will be prompted to find and specify the license key file that Quest provided. Use the **Browse** feature to locate and specify the `.dlv` license file.

If you are upgrading from an earlier version, the automated upgrade process will transfer the existing license key into the new version, so you do not need to re-install it. For new installations, the license installer will only install the new format license files (`.dlv`). The older format (`.asc`) is no longer supported.

- i | **IMPORTANT:** Many environments require disabling User Account Control to install the Quest license into MNE.

Getting started with MNE

- [Upgrade and installation instructions](#)
- [More resources](#)

Upgrade and installation instructions

To install Migrator for Notes to Exchange:

- 1 Download the Migrator for Notes to Exchange zip folder from the Quest.com website, and extract all files into an installation folder. Then run `Autorun.exe` from the installation folder.

If you are installing from an MNE product CD, the *Autorun* utility runs automatically.

Windows then launches the *Autorun* utility, where you can browse product information including the **Prerequisites** and all MNE **Documentation** before installing the product.

Verify that your environment conforms to the [System requirements](#) specified above in this document, and to the requirements specified in “Configuration requirements and account permissions” in the *Pre-Migration Planning Guide*. Several of the required third-party components may be downloaded from links on the *Autorun Prerequisites* tab.

- 2 When you are ready to install, select the *Autorun Install* tab.
- 3 Select the **Migrator for Notes to Exchange** product name, and click **Next**.
- 4 Read and accept the license agreement.
- 5 Follow the instructions in the MNE Installation Wizard.

i **IMPORTANT:** If your setup includes the Microsoft redistributables, you may install them on your migration server. You must have a Microsoft SQL Server installed in your migration environment in order to use Migrator for Notes to Exchange.

i **IMPORTANT:** MNE requires access to the SQL 2012 Native Client. If you have Microsoft SQL Server 2012 or above installed on your migration server then you already have the Native Client installed. If you do not have the Native Client installed, then choose the option in the Installation Wizard to install the Microsoft SQL Server Native Client at the end of the MNE installation.

- 6 Follow the remaining instructions and prompts in the MNE Installer.

i **IMPORTANT:** MNE includes a wizard for scanning the environment and determining whether it conforms to the system requirements for the MNE applications. The MNE Prerequisites Checker looks for required software and settings, connectivity, permissions, and access rights. The wizard can be launched automatically from the exit page of the MNE installer, by marking a checkbox before clicking **Finish**:

Launch the Prerequisites Checker when setup exits

The checker can also be run independently from your Windows **Start** menu, in the **Quest | Migrator for Notes to Exchange** group. The Prerequisites Checker log file is written to `%SystemDrive%\ProgramData\Quest\Prerequisites Checker`.

- 7 Click **Finish** from the last screen to complete the installation. The MNE Installer then exits, and returns you to the *Autorun* utility, on the **Install** tab. If you have marked the **Prerequisites Checker** checkbox, that wizard now runs (in a separate window).
- 8 If you like, you may browse the other *Autorun* tabs.
- 9 When you are finished browsing other *Autorun* tabs, click the **Close** box ([X] in the top-right corner of the window) to close the *Autorun* utility.

Post upgrade steps

Be sure to see [Product licensing](#) above before trying to configure or run any MNE component.

- i** | **IMPORTANT: Locale-specific configuration:** If you are migrating from a non-English Lotus Notes environment, you must also configure both the Data Migration Wizard and the SSDM with the appropriate non-English values for certain display elements. See “Appendix A” of the *MNE Administration Guide* for instructions, under “How Do I Configure MNE for My Non-English Notes Locales?”

Configuring the SSDM Scheduling Administration utility

The SSDM Scheduling Administration utility must be configured after upgrade.

- 1 Prior to upgrade, you made a copy of the SSDM Scheduling Administration utility configuration files. Restore the files to the following directory paths.

```
C:\Program Files (x86)\Quest\Migrator for Notes to Exchange\SSDM Scheduling Web Service\Bin\SchedulingGlobals.config
```

```
C:\Program Files (x86)\Quest\Migrator for Notes to Exchange\SSDM Scheduling Administration\AdminConfigPaths.xml
```

- 2 Point to the new physical path.

In the Administration Guide, in the chapter “SSDM Scheduling Administration utility” see the section “Before you can use the SSDM Scheduling Administration utility”.

Follow the steps to add the new Virtual Directory:

```
C:\Program Files (x86)\Quest\Migrator for Notes to Exchange\SSDM Scheduling Web Service
```

Configuring the Task Scheduler

If you plan to use the optional MNE task scheduling features, make sure the MNE Task Scheduler is configured by following the instructions in Appendix A of the *MNE Administration Guide*, in the section “How Do I Schedule Tasks?”

More resources

Information about MNE, including all product documentation, is available from the Quest Support Portal at <https://support.quest.com/>.

Migrator for Notes to Exchange and Coexistence Manager for Notes community

The [Migrator for Notes to Exchange and Coexistence manager for Notes community](#) is an interactive online community dedicated to issues relating to:

- Migration of email, identity and applications to the Windows Exchange platform, either on-premises or hosted Exchange platforms like Office 365—including migrations from Exchange, GroupWise, and Notes.
- Active Directory migrations.
- Migrations from Notes application and Exchange public folders to Sharepoint.

- Coexistence strategies and tools.

The community is designed to foster collaboration between Quest Migration experts and users. It's a place where you can:

- Learn about product releases and betas before anyone else.
- Get access to Quest product leaders and subject matter experts on migration and coexistence.
- Participate in discussion forums, share insights and ideas, and get common questions answered.

You can browse around the forums and the library, but to take full advantage of the community, post new threads, respond to messages from others, and rate our documents and downloads, you must **Join** the community. If you already have a Quest account or are a member of another Quest community, simply **Sign in**. The **Sign in** and **Join** features are both available from links near the top-right corner of the page.

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan. The release supports Complex Script (Central Asia - India, Thailand).

The SSDM user interface is available in English and French. The SSDM User Guide is available in English, French and Japanese.

About us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation.

Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece—you—to the community, to the new Quest.

Contacting Quest

For sales or other inquiries, visit <http://quest.com/company/contact-us.aspx> or call +1-949-754-8000.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request.
- View Knowledge Base articles.
- Sign up for product notifications.
- Download software and technical documentation.
- View how-to-videos.
- Engage in community discussions.
- Chat with support engineers online.
- View services to assist you with your product.

Third-party contributions

This product contains the following third-party components. For third-party license information, go to <http://quest.com/legal/license-agreements.aspx>.

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Legend

-  **WARNING:** A WARNING icon indicates a potential for property damage, personal injury, or death.

-  **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

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