

MessageOps

Exchange 200X Migration

Requirements Checklist

Directory Synchronization

Prerequisites

The Directory Synchronization tool can be installed on computers that meet the following prerequisites:

- Joined to a domain in the Active Directory forest that you plan to synchronize with Microsoft Online Services. Installation on Active Directory domain controllers is not supported.
- Running 32-bit Windows Server 2003 operating system or Windows Server 2008 with the latest service packs installed. Installation on 64-bit environments not supported.
- Running Microsoft .NET Framework version 2.0.
- Running Windows PowerShell 1.0.
- All users in a single Active Directory Forest.
 - Only one forest can be synchronized to a Microsoft Online account.
- Less than 20,000 objects in Active Directory.
 - Contact MessageOps if you are unsure. Microsoft can enable directory synchronization for more objects.

Permissions

When you configure directory synchronization, you must provide:

- Enterprise Administrator credentials for your local Active Directory. The account provided must have Enterprise Administrator permissions in the Active Directory forest to which the computer running the Microsoft Online Services Directory Synchronization tool is joined.
- Administrator credentials for your Microsoft Online Services system.
- The current user must have Administrator permissions on the computer.

Mailbox Migration

Prerequisites

The Microsoft Online Services Migration Tools are available in both 32-bit and 64-bit versions. They can be installed on computers that meet the following prerequisites:

- Windows PowerShell is installed.
- Microsoft Management Console (MMC) version 3 is installed.
- Windows Vista, Windows Server 2003, or Windows XP with Service Pack 2 is installed.
 - If Windows Server is installed, the computer can be configured as an Active Directory domain controller.
- Microsoft .NET Framework 2.0.
- The person installing the tools must have local Administrator permissions on the computer.
- You must verify that port 80 and port 443 are open on the on-premises computers running Exchange Server.

Permissions

The account used to perform a Microsoft Exchange Server mail migration must have the following permissions:

- Service administrator permissions in Microsoft Online Services.
- Exchange Server Administrator privileges on the source computer, from which Exchange Server e-mail messages will be migrated.

Mobile Devices

Mobile devices running Microsoft Exchange ActiveSync 12, such as those listed below, are supported for e-mail and messaging only. Administration and other functions require a personal computer and appropriate software.

- Supported Mobile Device
 - Windows Mobile 6
 - Windows Mobile 6.1
 - Nokia E series and N series
 - iPhone with firmware 2.0
 - Blackberry Internet Service (E-mail synchronization only. Refer to your carrier for setup instructions.)
 - NotifySync for Blackberry
 - Hosted Blackberry Enterprise Server (Additional fees apply)

Client Workstations

- Supported Operating System
 - Windows Vista Business (SP1)
 - Windows Vista Enterprise (SP1)
 - Windows Vista Ultimate (SP1)
 - Windows Vista Home (SP1)
 - Windows XP Professional (SP2)
 - Windows XP Tablet Edition (SP2)
 - Macintosh OS X 10.4 (Tiger) and 10.5 (Leopard)
- Microsoft .NET Framework 3.0 (Required for the single sign on client)
- Supported Web Browser
 - Microsoft Internet Explorer 6 (only on Windows XP)
 - Microsoft Internet Explorer 7
 - Microsoft Internet Explorer 8
 - Firefox (not all features supported)
 - Safari 3 (on Macintosh OS X 10.5 (Leopard)) (not all features supported)
- Supported Email Client
 - Outlook 2007 (Highly Recommended)
 - Outlook 2003
 - No access to Free/Busy information or Offline Address Book
 - Entourage 2004 (on Macintosh OS X 10.4 (Tiger) and 10.5 (Leopard)) and Entourage 2008 (on Macintosh OS X 10.5 (Leopard))
 - Entourage will not have access to the global address list (GAL) or calendar free/busy information.

Firewall Ports

Ports	Applications
TCP 443	<ul style="list-style-type: none"> • Web Portals (Microsoft Online Services Administration Center and My Company Portal) • Microsoft SharePoint Online • Microsoft Online Services Sign In application • Microsoft Office Outlook 2003, Office Outlook 2007 and Office Outlook Web Access (OWA)
TCP 25 (Only Exchange Servers)	<ul style="list-style-type: none"> • Mail routing
TCP 80 and 443	<ul style="list-style-type: none"> • Microsoft Online Services Directory Synchronization tool and Microsoft Online Services Migration Tools
TCP 80 and 443 minimum; UDP ports and ports 8057 and 3478 recommended for audio and video	<ul style="list-style-type: none"> • Microsoft Office Live Meeting

Additionally, the servers that run the Directory Synchronization and Mailbox Migration Tools will need unrestricted access to the Exchange Servers and Domain Controllers.