

How to Configure Microsoft Exchange Online Email Import

<https://campus.barracuda.com/doc/46894978/>

An Office 365 Exchange Online service account provides Exchange Server directory permissions to grant the Barracuda Cloud Archiving Service read access to all mailboxes.

Use the steps in this article to import email from Exchange Online, that meets the specified criteria, to the Barracuda Cloud Archiving Service. Use autodiscover to automatically populate your Exchange settings using the steps in the section *Automatically Discover Settings*. If, however, autodiscover is unable to identify your Exchange settings, you can manually enter the details as described in the section *Manually Configure Settings*.

Requirements

- Microsoft .NET Framework 4.5 or 4.5.1 and either the [Windows Management Framework 3.0](#) or the [Windows Management Framework 4.0](#)
- Verify the service account has the following:
 - A mailbox that *is not* hidden in the **Global Address** list.
 - A license that supports Outlook (i.e., not a kiosk license).
- Enable RPC over HTTP (RoH) for the mailbox. See also [How to Enable RPC over HTTP Connectivity](#).

Microsoft Exchange Online

Microsoft Exchange Online message throttling policies set bandwidth limits and restrict the number of processed messages. Throttling is enabled by default in Microsoft Exchange Online. Currently you cannot set policies to disable throttling in Exchange Online; for details, refer to the [Microsoft Outlook dev blog](#). Barracuda is working on a solution to provide this option in the future.

To import archive mailbox/personal archives, click **Advanced Options** during configuration, and select **Process Personal Archives**:

← Select Action > Select Server > **Configure Action** > View Summary ×

Configure settings for the action: **Email Import**

Which will run using configuration: **Cuda365 (957314dc-538a-48c1-8421-ed8c6b3bd0cb@cuda365.com)**

Source: * All Users ▾ Verify

Date: All Items By Date Item Age

Schedule: Nightly Now

⌵ **Advanced Options**

Folders: Select

Maximum Size: * KB

Home Server: *

Notification Email: *

Process Personal Archives: *

Import Only Conversation History: *

Item Type: * All Messages ▾

Continue

Step 1. Connect to Office 365 Exchange Online

1. Open Windows PowerShell, enter the following command, and then press **Enter**:
`$UserCredential = Get-Credential`
2. In the **Windows PowerShell Credential Request** dialog box, enter your Exchange Online user name and password, and then click **OK**.
3. Enter the following command, and then press **Enter**:
`$Session = New-PSSession -ConfigurationName Microsoft.Exchange -
ConnectionUri https://outlook.office365.com/powershell-liveid/ -
Credential $UserCredential -Authentication Basic -AllowRedirection`

For more information, refer to the Microsoft TechNet article [Connect to Exchange Online](#)

[using remote PowerShell.](#)

4. Enter the following command, and then press **Enter**:
`Import-PSSession $Session`
5. Enter the following command, and then press **Enter**:
`Get-Mailbox -ResultSize unlimited | Add-MailboxPermission -User ServiceAccount@domain.com -AccessRights fullaccess -InheritanceType all -Automapping $false`

Permissions are assigned on existing mailboxes only; if additional mailboxes are added to your organization, you must rerun this command.

For more information on adding mailbox permissions, see [Add-MailboxPermission](#) in Microsoft TechNet. For information on testing mailbox rights, see [Get-MailboxPermission](#) in Microsoft TechNet.

Step 2. Import from Office 365 Exchange Online

Automatically Discover Settings

1. Log into the Barracuda Cloud Archiving Service as the admin, and go to **Mail Sources > Exchange Integration**.
2. Click **Start New Action**. In the **Select Action** page, click **Email Import**.
3. In the **Select Server** page, click **Add New Server**.
4. In the **Add New Server** dialog, enter a name to identify the configuration as well as the service account **Username/Password**.
5. Click **Autodiscover**; when the details display, click **Save** to add it to the **Server** table. Click **Continue**.
6. In the **Configure Action** page, select **All Users** from the drop-down menu, and specify the desired **Date** and **Schedule** settings. Click **Continue**.
7. Verify the configuration settings in the **View Summary** page, and then click **Submit** to add the Email Import to the **Scheduled Actions** table.

Manually Configure Settings

Use the steps in this section *only* if autodiscover is unable to identify your settings as described above in the section *Automatically Discover Settings*.

Step 1. Manually Obtain Exchange Hostname Using PowerShell

1. Open Windows PowerShell, and connect to [Office 365 Exchange Online](#).
2. Enter the following command, and then press **Enter**:
`$UserCredential = Get-Credential`
3. In the **Windows PowerShell Credential Request** dialog box, enter your Exchange Online admin username and password, and then click **OK**.
4. Enter the following command, and then press **Enter**:
`$Session = New-PSSession -ConfigurationName Microsoft.Exchange -`

```
ConnectionUri https://outlook.office365.com/powershell-liveid/ -
Credential $UserCredential -Authentication Basic -AllowRedirection
```

For more information, refer to the Microsoft TechNet article [Connect to Exchange Online using remote PowerShell](#).

5. Enter the following command, and then press **Enter**:
`Import-PSSession $Session`
6. Enter the following command, and then press **Enter**:
`Get-Mailbox -Identity <username for service account> | Format-List ExchangeGuid, PrimarySMTPAddress`
7. To determine the Exchange Hostname, combine the ExchangeGuid with the domain portion of the PrimarySMTPAddress to form `ExchangeGuid@domain.com`.

```
Windows PowerShell
Copyright (C) 2012 Microsoft Corporation. All rights reserved.

PS C:\windows\system32> $UserCredential = Get-Credential

cmdlet Get-Credential at command pipeline position 1
Supply values for the following parameters:
Credential
PS C:\windows\system32> $Session = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri https://outlook.office365.com/powershell-liveid/
-Credential $UserCredential -Authentication Basic -AllowRedirection
PS C:\windows\system32> Import-PSSession $Session
WARNING: The names of some imported commands from the module 'tmp_a0xdij5z.1do' include unapproved verbs that might make them less discoverable. To
find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

ModuleType Name                               ExportedCommands
-----
Script      tmp_a0xdij5z.1do                             {Add-AvailabilityAddressSpace, Add-DistributionGroupMember, Add-MailboxFolderPermission, Add-Mailbo...

PS C:\windows\system32> Get-Mailbox -Identity se@.com | Format-List ExchangeGuid, PrimarySMTPAddress

ExchangeGuid      : 2ee256dd-35d2-44e9-89c9-3
PrimarySmtpAddress : se@.com

PS C:\windows\system32> Remove-PSSession $Session
PS C:\windows\system32>
```

8. To close out the remote PowerShell session, enter the following command, and then press **Enter**:
`Remove-PSSession $Session`

Step 2. Manually Configure Server Settings for Email Import

1. Log into the Barracuda Cloud Archiving Service as the admin, and go to **Mail Sources > Exchange Integration**.
2. Click **Start New Action**. In the **Select Action** page, click **Email Import**.
3. In the **Select Server** page, click **Add New Server**.
4. In the **Add New Server** dialog, click **Configure Manually**; enter the Exchange details:
 1. **Configuration Name** – Enter a name to identify the configuration.
 2. **Exchange Hostname** – Enter the Exchange hostname from *Step 1 Manually Obtain Exchange Hostname Using PowerShell*.
 3. **Username/Password** – Enter the credentials associated with the service account.
 4. **Exchange 2013** – Select **Yes**.
 5. **Advanced Options** – In the **Proxy Server** field type `outlook.office365.com` and leave the **Global Catalog Server** field blank.
5. Click **Save**. Once the Exchange settings are verified, the **Server** table is updated. Click **Continue**.
6. In the **Configure Action** page, select **All Users** from the drop-down menu, and specify the desired **Date** and **Schedule** settings. Click **Continue**.

7. Verify the configuration settings in the **View Summary** page, and then click **Submit** to add the Email Import to the **Scheduled Actions** table.

Figures

1. PersonalArchive.png
2. powershell_cmd01.png

© Barracuda Networks Inc., 2020 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.