

How to Configure an Office 365 Exchange Online Service Account and Import Historical Data

<https://campus.barracuda.com/doc/46894394/>

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

See also: [Configuring an Office 365 Exchange Online Service Account and Import Historical Data - Video](#)

Requirements

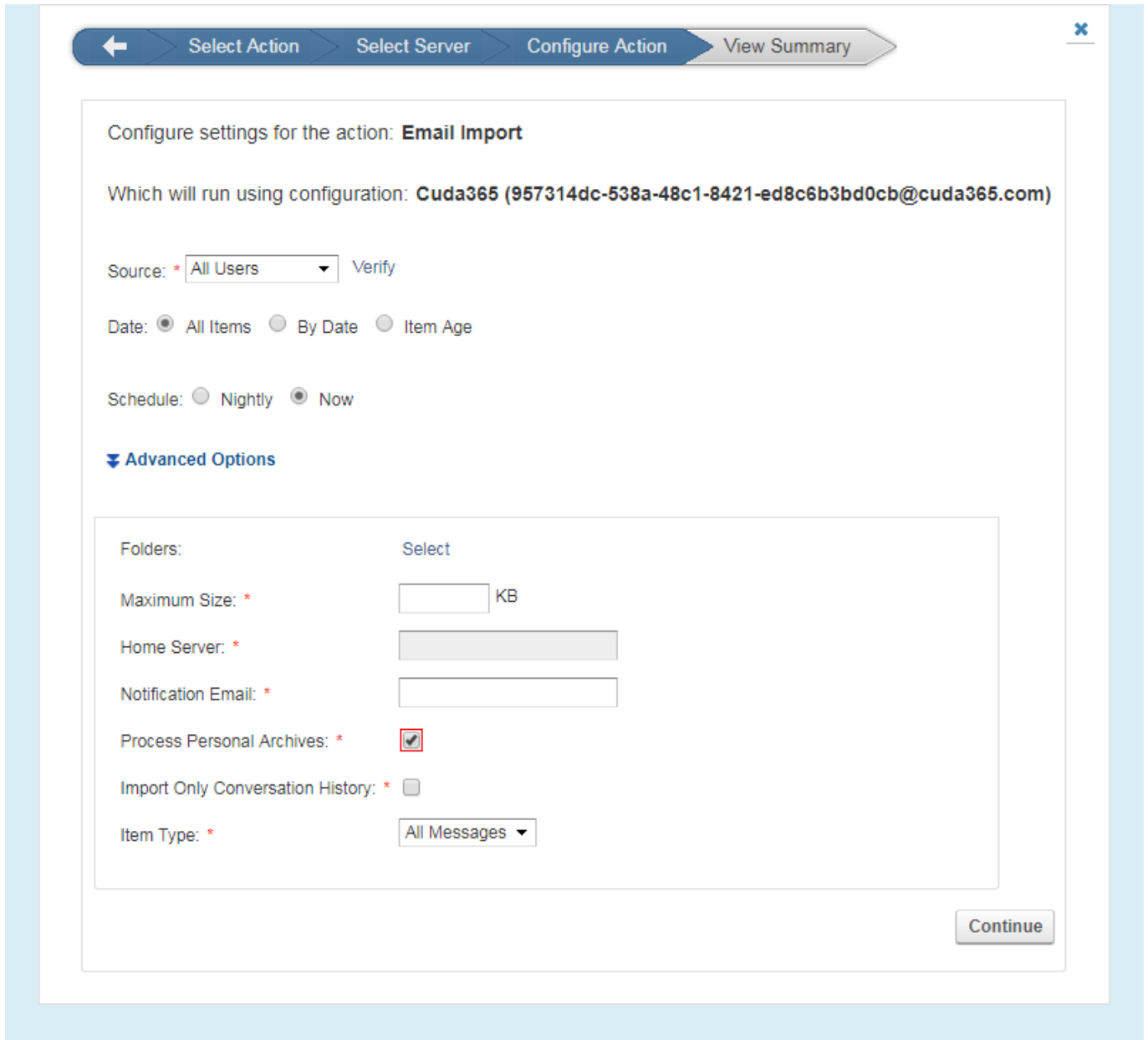
If this is a Cloud Service Provider (CSP) account, refer to this article [Azure MFA Requirements for Microsoft CSPs](#) to ensure the correct configuration is set.

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



The screenshot shows a configuration window for the 'Email Import' action. At the top, there is a navigation bar with buttons for 'Select Action', 'Select Server', 'Configure Action', and 'View Summary'. The main content area is titled 'Configure settings for the action: Email Import' and indicates it will run using configuration 'Cuda365 (957314dc-538a-48c1-8421-ed8c6b3bd0cb@cuda365.com)'. The configuration options include:

- Source: * All Users (dropdown) with a 'Verify' link.
- Date: All Items, By Date, Item Age.
- Schedule: Nightly, Now.
- Advanced Options section containing:
 - Folders: Select
 - Maximum Size: * [input] KB
 - Home Server: * [input]
 - Notification Email: * [input]
 - Process Personal Archives: *
 - Import Only Conversation History: *
 - Item Type: * All Messages (dropdown)

A 'Continue' button is located at the bottom right of the configuration area.

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 box, enter a **Configuration Name**, the **email address** for the service account and the service account **password**.
5. Click **Autodiscover**.
 - If autodiscover is unable to identify your settings, use the steps in the section that follows, *Manually Configure Settings*.

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
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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.....
PrimarySmtAddress : 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** – Enter the service account username.
 4. **Password** – Enter the password associated with the username.
 5. **Exchange 2013** – Select **Yes**.
 6. **Advanced Options** – In the **Proxy Server** field type `outlook.office365.com` and leave the **Global Catalog Server** field blank.
5. Click **Save** to add your configuration and close the dialog box.
6. In the **Configure Action** page, click **Continue**.
7. In the **View Summary** page, select **All Users** from the **Source** drop-down menu.
8. Specify the desired **Date** and **Schedule** settings. Click **Continue**.
9. 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

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