



How to configure an SMTP relay for Office 365

This article describes how to configure a Simple Mail Transfer Protocol (SMTP) relay in Microsoft Office 365.

You may want to do this in scenarios where you no longer have an on-premises messaging environment, such as Microsoft Exchange Server, and you have on-premises Line of Business (LOB) programs that need to send email messages. In this scenario, you can configure Microsoft Exchange Online as an SMTP relay to send email messages in Microsoft Office 365 for enterprises or in Microsoft Office 365 Enterprise preview.

SMTP relay settings for Office 365

To configure an SMTP relay in Office 365, you need the following:

- A user who has an Exchange Online mailbox
- The SMTP set to port 587
- Transport Layer Security (TLS) encryption enabled
- The mailbox server name

To obtain SMTP settings information, follow these steps:

1. Sign in to Outlook Web App.
2. Click **Options**, and then click **See All Options**.
3. Click **Account**, click **My Account**, and then in the **Account Information** area, click **Settings for POP, IMAP, and SMTP access**.

Note the SMTP settings information that is displayed on this page.

Configure Internet Information Services (IIS)

To configure Internet Information Services (IIS) so that your LOB programs can use the SMTP relay, follow these steps:

1. Create a user who has an Exchange Online mailbox. To do this, use one of the following methods:
 - Create the user in Active Directory Domain Services, run directory synchronization, and then activate the user by using an Exchange Online license.

Note: The user must not have an on-premises mailbox.

- Create the user by using the Office 365 portal or by using Microsoft Online Services PowerShell Module, and then assign the user an Exchange Online license.
2. Configure the IIS SMTP relay server. To do this, follow these steps:
 - a. Install IIS on an internal server. During the installation, select the option to install the SMTP components.
 - b. In Internet Information Services (IIS) Manager, expand the Default SMTP Virtual Server, and then click **Domains**.
 - c. Right-click **Domains**, click **New**, click **Domain**, and then click **Remote**.
 - d. In the **Name** box, type ***.com**, and then click **Finish**.
 3. Double-click the domain that you just created.
 4. Click to select the **Allow incoming mail to be relayed to this domain** check box.
 5. In the **Route domain** area, click **Forward all mail to smart host**, and then in the box, type the mailbox server name.
 6. Click **Outbound Security**, and then configure the following settings:
 - a. Click **Basic Authentication**.
 - b. In the **User name** box, type the user name of the Office 365 mailbox user.
 - c. In the **Password** box, type the password of the Office 365 mailbox user.
 - d. Click to select the **TLS encryption** check box, and then click **OK**.
 7. Right-click the Default SMTP Virtual Server node, and then click **Properties**.
 8. On the **Delivery** tab, click **Outbound Connections**.
 9. In the **TCP Port** box, type **587**, and then click **OK**.
 10. Click **Outbound Security**, and then configure the following settings:
 - a. Click **Basic Authentication**.
 - b. In the **User name** box, type the user name of the Office 365 mailbox user.
 - c. In the **Password** box, type the password of the Office 365 mailbox user.
 - d. Click to select the **TLS encryption** check box, and then click **OK**.
 11. On the **Access** tab, click **Authentication**, click to select the **Anonymous access** check box, and then click **OK**.
 12. On the **Relay** tab, select **Only the list below**, type the IP addresses of the client computers that will be sending the email messages, and then click **OK**.