



Setting Up Scan To Email OAuth v2.0 Authentication

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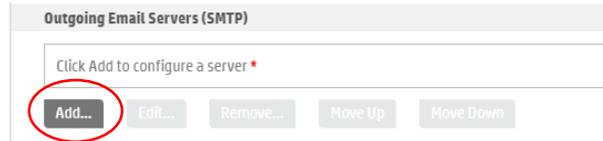


Using **HP FutureSmart 5.7 or newer** the Scan To Email option allows you to use Microsoft's OAuth v2.0 authentication with Office365. This will automatically authenticate with Office365 without the need for multifactor authentication for scan to email.

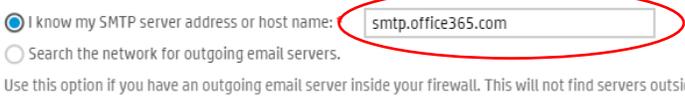
Supported Products-
•HP FutureSmart 5 compatible MFPs

Create Outgoing Email Server

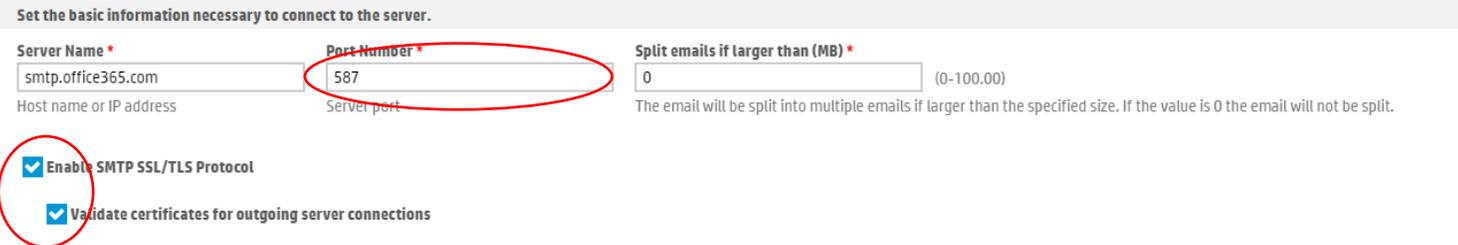
To create a SMTP server for sending emails, select the **"Scan/Digital Send"** tab, then **"Default Job Options"** under the "Scan to Email Settings" section. Select **"Add"** under "Outgoing Email Servers (SMTP)".



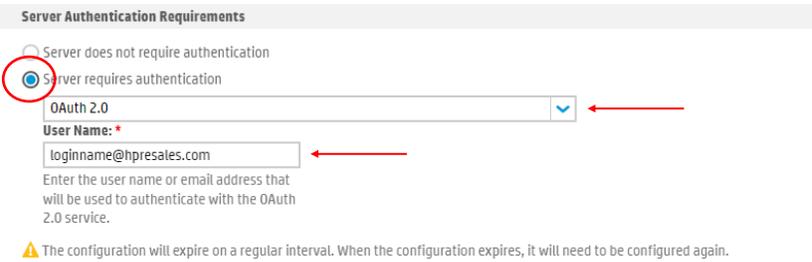
As you follow the Wizard, there are specific entries you will need to do for OAuth 2.0 to be available. On the first screen you will select the "I know my SMTP..." option and enter **"smtp.office365.com"** in that field.



On the next screen, you will want to change the "Port Number" to "587" and check off **"Enable SMTP SSL/TLS Protocol"** and **"Validate certificates for outgoing server connections"**

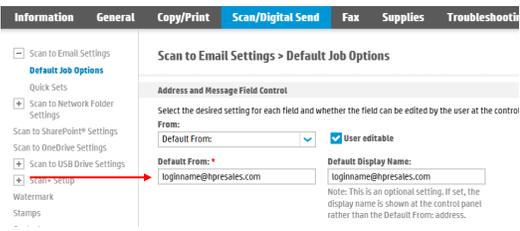


On the next screen, you will want to change the option to **"Server requires authentication"** and the drop down will show **"OAuth 2.0"** The **"User Name"** field will appear this is the login name the machine will use to authenticate.



If OAuth 2.0 does not appear in the drop down, please check the settings outlined. If a setting here is not the same, the OAuth option will not appear.

When using OAuth for authentication, you MUST fill in the "Default From:" field in Scan To Email defaults with the active Microsoft Account name you are using for privileges. Otherwise you will get a failure.



rev021225

This guide is based on the FutureSmart 5 firmware platform. This version is updated for FutureSmart v5.8. Any features described here are subject to changes as new firmware is released and new features are added.



Authenticating With Microsoft

The next steps will authenticate the device with Microsoft and create a token for the machine to use for authentication. You will want to click on the **"Get Code"** button.

Authenticate with Microsoft

OAuth 2.0 offers a more secure method of authentication than traditional authentication using only a user name and password. The product will connect to a Microsoft Server and retrieve a user code and verification URL, which will be used for setup.

Step 1: Select "Get Code" to connect to the Microsoft authorization server and retrieve a unique user code.

Get Code

Getting Code
Please wait...

Step 2: Copy the user code.

User Code: ARK4YB76Q Expires In: 15 minutes

Copy

Click "Copy" to save this information to the clipboard.

Step 3: Open the verification URL and follow the steps.

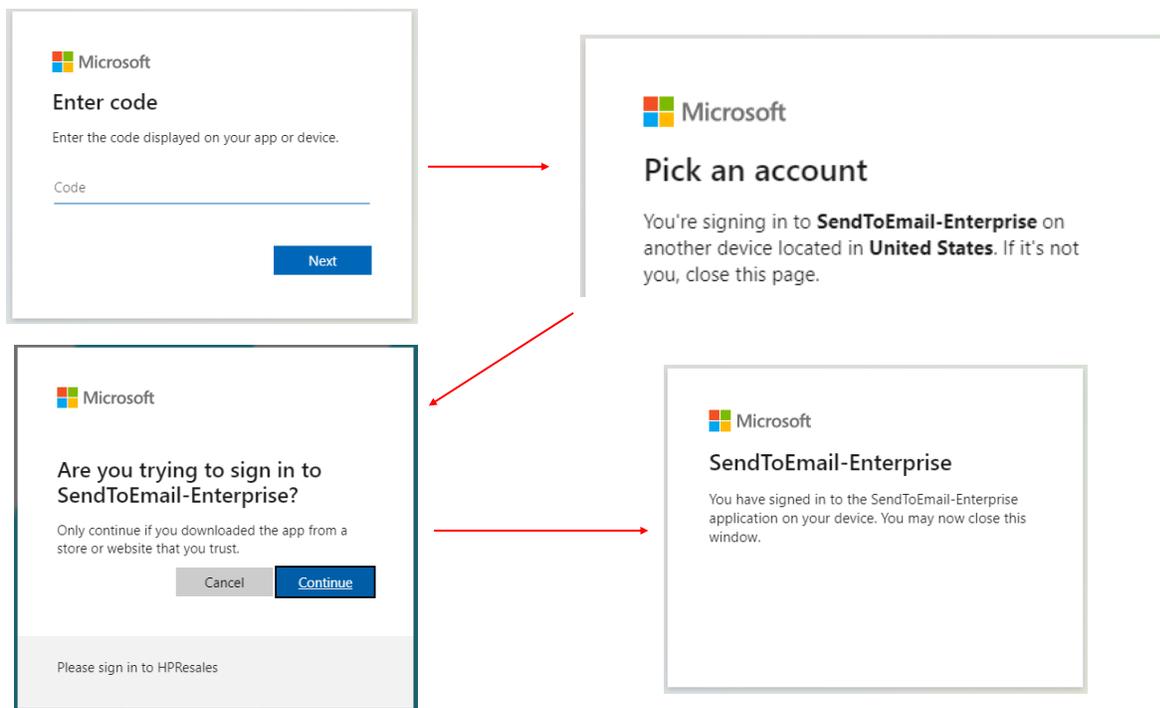
Click the link below.

Verification URL

<https://microsoft.com/devicelogin>

After opening the verification URL and completing the steps, return here and select "Next".

You will see a temporary screen that says Getting Code followed by the next steps for authenticating. You will need to open a new web browser tab and follow the link provided and use the "User Code" in the browser screen on the Microsoft screen. Follow the authentication process using the same user you entered into the HP device and you should see the below transitions.



The final screen above indicates that the setup has been successful on the HP device for using OAuth.

Once this has been completed, you can go back to the EWS and finish the setup and test the configuration.

If you get an error during the test send of an email, please refer back to the outlined settings to troubleshoot.