



TOSHIBA

CLOUD AUTHENTICATION FOR E-MAIL

e-BRIDGE Next Series III



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1. Overview

From the 1st of October 2022, Microsoft has made changes to their Cloud Services with Basic Authentication being disabled for POP3 and SMTP. The deprecation of Microsoft Basic Authentication comes as Microsoft strives to continually improve security for Users by disabling older and less secure methods of authentication for their cloud offerings. Basic Authentication is superseded by Modern Authentication (based on OAuth 2.0). For more information, go to [Deprecation of Basic Authentication in Exchange Online](#).

In response to this change, Toshiba has introduced **Cloud Authentication for Email** for Toshiba e-BRIDGE Next (eBN) Series III devices**. This new feature provides native Modern Authentication support to our Toshiba eBN devices, allowing Users to continue using e-Mail transmission (send and receive) using their Microsoft Exchange Online accounts.

**Minimum Firmware versions will apply – [refer to section 1.1 Firmware Table](#) for more information.

1.1 Firmware Table

Generation	Model	Minimum Firmware Version
eBN Series III	e-STUDIO2020AC e-STUDIO2525AC / 3025AC / 3525AC e-STUDIO4525AC e-STUDIO5525AC / 6525AC e-STUDIO6526AC / 65527AC / 7527AC e-STUDIO2528A e-STUDIO5528A / 6528A e-STUDIO7529A / 9029A	1801
eBN Series II	e-STUDIO2010AC e-STUDIO2515AC / 3015AC / 3515AC / 4515AC / 5015AC e-STUDIO5516AC / 6516AC / 7516AC e-STUDIO2518A e-STUDIO5518A / 7518A / 8518A e-STUDIO330AC / 400AC	2100

1.2 What can I do?

You can use this guide to enable **Cloud Authentication for Email** for supported Toshiba devices and use Microsoft Modern Authentication for SMTP and/or POP3 Clients. Alternatively, contact your I.T. Administration Support to make these changes.

The procedures covered in this guide will assist in configuring the following;

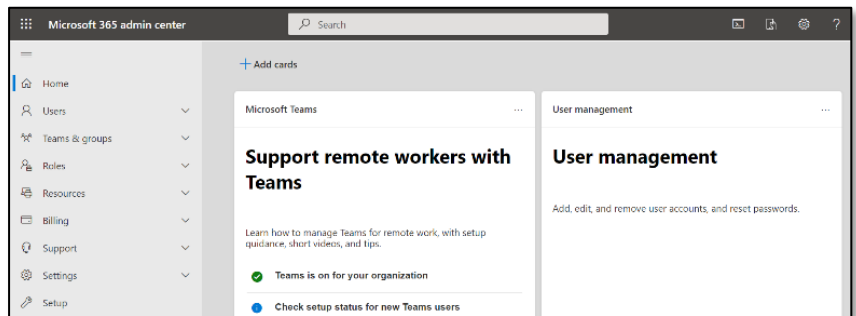
- Microsoft 365 Settings
- SMTP Client Settings
- POP3 Client Settings

2. Microsoft 365 Setup

In order to use Modern Authentication for your Microsoft account, it must be enabled on your Microsoft 365 account. This setting is enabled by default, however you can follow the steps below to confirm.

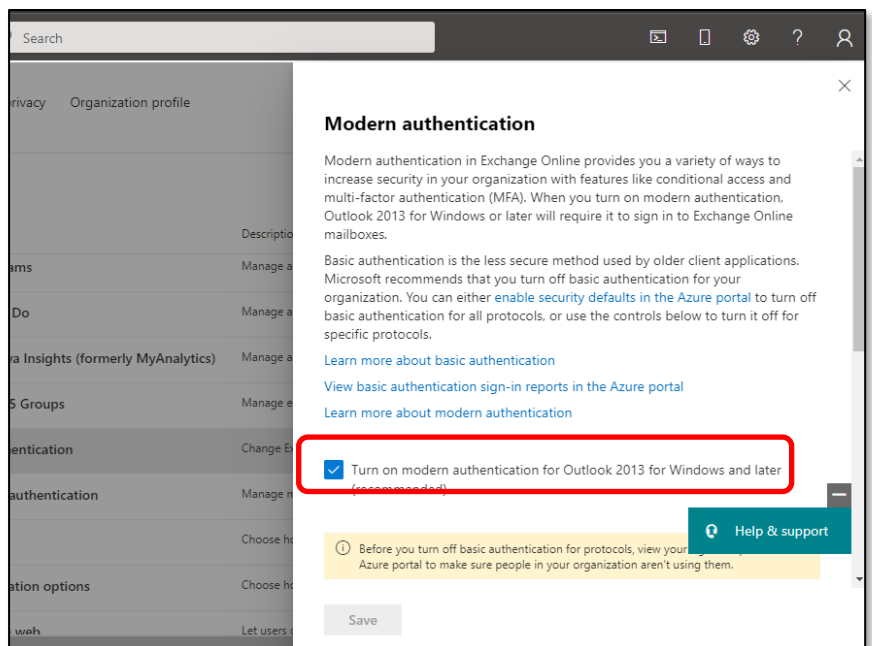
2.1 Modern Authentication Setting

1. Log into **Microsoft 365 admin center** with an Administrator account



2. Select **Settings** → **Org Settings** → **Modern Authentication**

3. Select the tickbox **“Turn on modern authentication for Outlook 2013 for Windows and later”** and click **Save**



3. Sending e-Mail: Scan to e-Mail

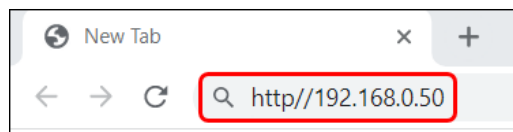
To use Microsoft 365 with Modern Authentication to send Scan to e-Mail jobs, we must configure the SMTP Client to use **Cloud Authentication for e-Mail**.

3.1 Setting up the SMTP Client

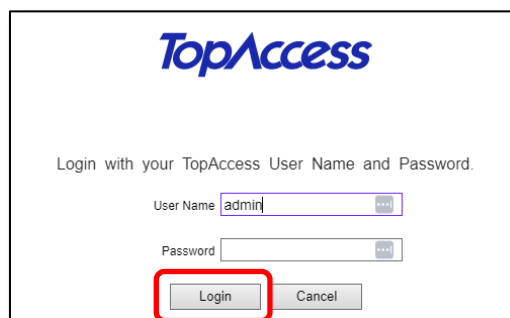
- Obtain the MFD's IP address:
 - From the Control Panel, select **User Functions**
 - Enter the Admin password to continue
 - Select **Network**
 - Select **IPV4**
 - Under **IP Address** is the Address you will need to type into your web browser
The IP address is a set of four numbers separated by a period (.)

Note: Please contact your organisation's I.T. Administration Support if the default Admin password has been changed.

- Open a Web browser, and type "http://" followed by the MFD's IP address, without any spaces, into the web browser address bar

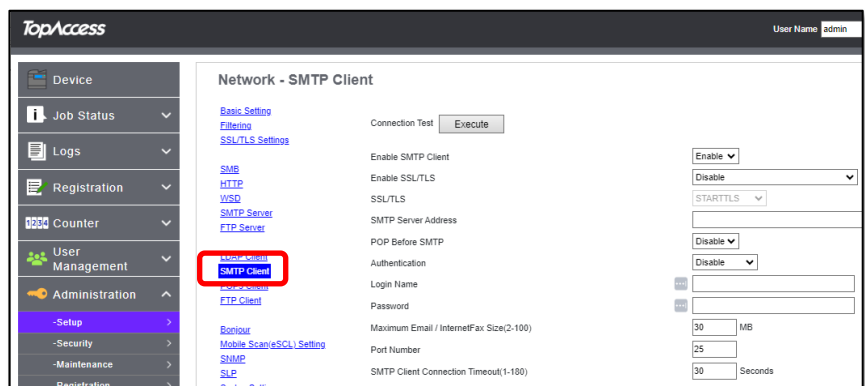


- Select **Login** in the top right-hand corner and enter the username and password for admin account



Note: Please contact your organisations I.T. Administration Support if the admin password does not work as it may have been changed

- Navigate to **Administration** → **Setup** → **Network** → **SMTP Client**



5. Input the following

- **Enable SMTP Client** – Enable
- **Enable SSL / TLS** – Accept all certificates without CA
- **SMTP Server Address** – smtp.office365.com
- **Authentication** – Application
- **Login Name** – Enter your Microsoft 365 account e-Mail address
- **Password** – *Leave Blank*
- **Port Number** – 587

Network - SMTP Client [Save] [Cancel]

Basic Setting | Filtering | SSL/TLS Settings | SMB | HTTP | WSD | SMTP Server | FTP Server | LDAP Client | **SMTP Client** | POP3 Client | FTP Client | Bonjour | Mobile Scan(eSCL) Setting | SNMP | SLP | Syslog Setting | IPX/SPX

Connection Test [Execute]

Enable SMTP Client: Enable

Enable SSL/TLS: Accept all certificates without CA

SSL/TLS: STARTTLS

SMTP ServerAddress: smtp.office365.com

POP Before SMTP: Disable

Authentication: Application

[Assignment]

Login Name: [User Name]@onmicrosoft.cc

Password: []

Maximum Email / InternetFax Size(2-100): 30 MB

Port Number: 587

SMTP Client Connection Timeout(1-180): 30 Seconds

6. Click the **Assignment** button

Network - SMTP Client [Save] [Cancel]

Basic Setting | Filtering | SSL/TLS Settings | SMB | HTTP | WSD | SMTP Server | FTP Server | LDAP Client | **SMTP Client** | POP3 Client | FTP Client | Bonjour | Mobile Scan(eSCL) Setting | SNMP | SLP | Syslog Setting | IPX/SPX

Connection Test [Execute]

Enable SMTP Client: Enable

Enable SSL/TLS: Accept all certificates without CA

SSL/TLS: STARTTLS

SMTP ServerAddress: smtp.office365.com

POP Before SMTP: Disable

Authentication: Application

[Assignment]

Login Name: [User Name]@onmicrosoft.cc

Password: []

Maximum Email / InternetFax Size(2-100): 30 MB

Port Number: 587

SMTP Client Connection Timeout(1-180): 30 Seconds


7. Select **“Cloud Authentication for Email”** and click **OK**

Authentication Application [X]

[OK] [Cancel]

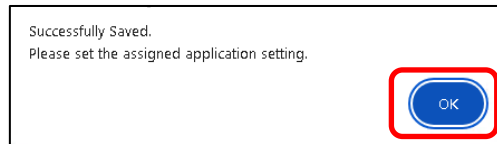
	ID	Name
<input checked="" type="radio"/>	10000000-0000-0000-0000-500000000001	Cloud Authentication for Email

8. Select **Save**



The screenshot shows the 'SMTP Client' configuration window. At the top right, there are two buttons: 'Save' and 'Cancel'. The 'Save' button is highlighted with a red rectangular box. Below the title bar, there is a 'Connection Test' section with an 'Execute' button.

9. Click **OK** to continue



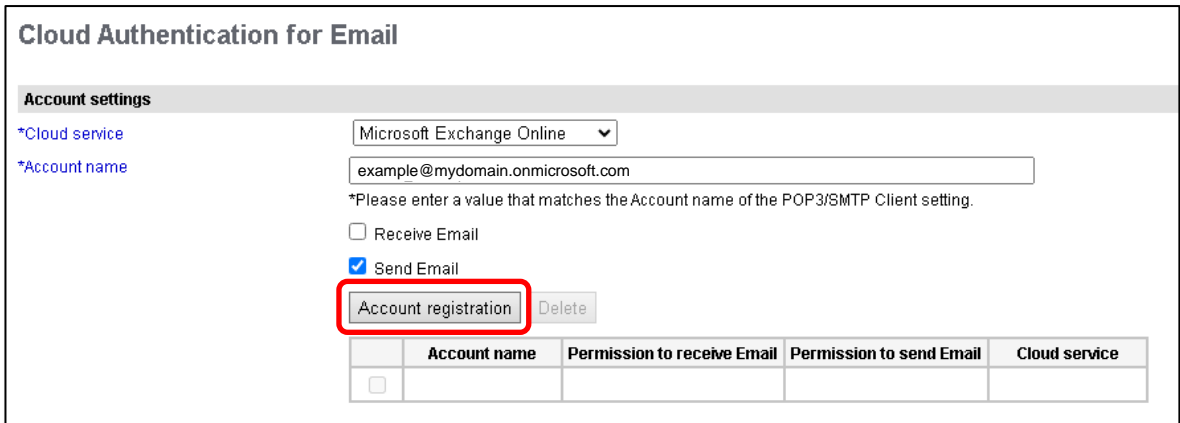
The screenshot shows a dialog box with the text 'Successfully Saved. Please set the assigned application setting.' At the bottom right of the dialog, there is a blue 'OK' button, which is highlighted with a red rectangular box.

10. Click the **“Cloud Authentication for Email”** link



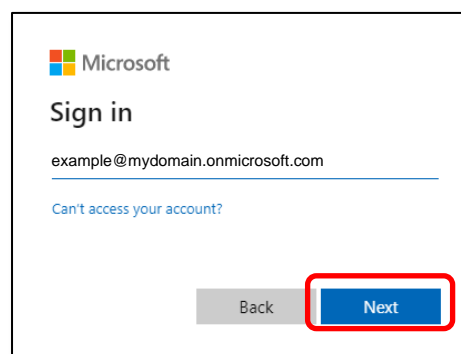
The screenshot shows a form for account settings. On the right side, there is a section with a dropdown menu labeled 'Application' and a button labeled 'Assignment'. The 'Assignment' button is highlighted with a red rectangular box and contains the text 'Cloud Authentication for Email'. Below this, there are input fields for 'Login Name' and 'Password'. The 'Login Name' field contains the text 'example@mydomain.onmicrosoft.cc'.

11. Under **Account Name**, enter the same e-Mail account used in **SMTP Client** → **Account Name**, tick **“Send Email”** and click **Account Registration**



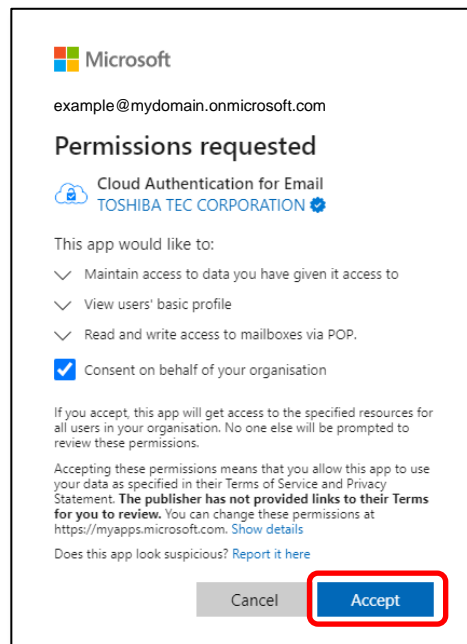
The screenshot shows the 'Cloud Authentication for Email' settings page. Under the 'Account settings' section, there is a dropdown menu for 'Cloud service' set to 'Microsoft Exchange Online' and an input field for 'Account name' containing 'example@mydomain.onmicrosoft.com'. Below these, there are two checkboxes: 'Receive Email' (unchecked) and 'Send Email' (checked). The 'Send Email' checkbox is highlighted with a red rectangular box. Below the checkboxes, there is a button labeled 'Account registration' and a 'Delete' button. At the bottom, there is a table with columns: 'Account name', 'Permission to receive Email', 'Permission to send Email', and 'Cloud service'. The first row of the table has a checkbox in the first column.

12. When the Microsoft Login page appears, sign in with the same e-Mail account

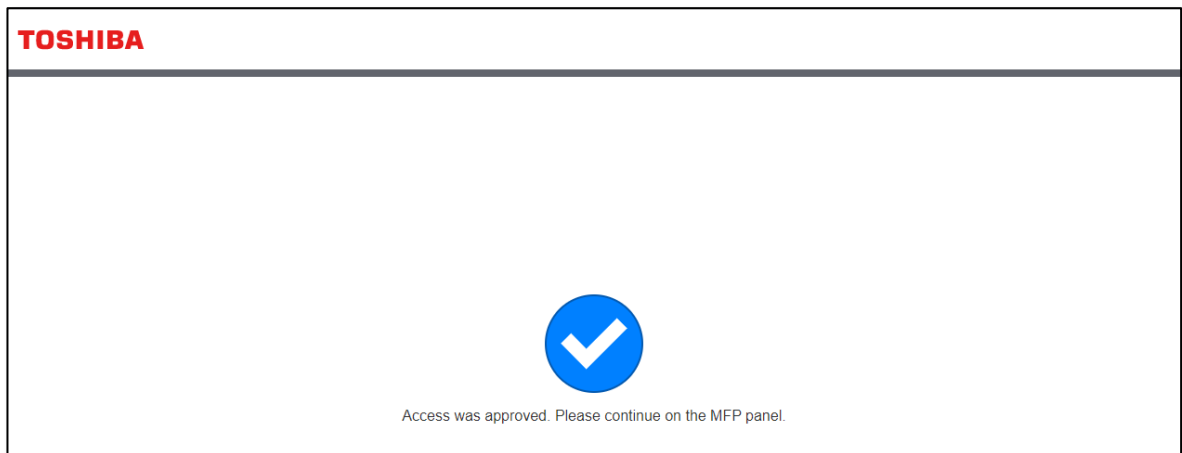


The screenshot shows the Microsoft Sign in page. At the top, there is the Microsoft logo and the text 'Sign in'. Below this, there is an input field for the email address containing 'example@mydomain.onmicrosoft.com'. Below the input field, there is a link that says 'Can't access your account?'. At the bottom right, there are two buttons: 'Back' and 'Next'. The 'Next' button is highlighted with a red rectangular box.

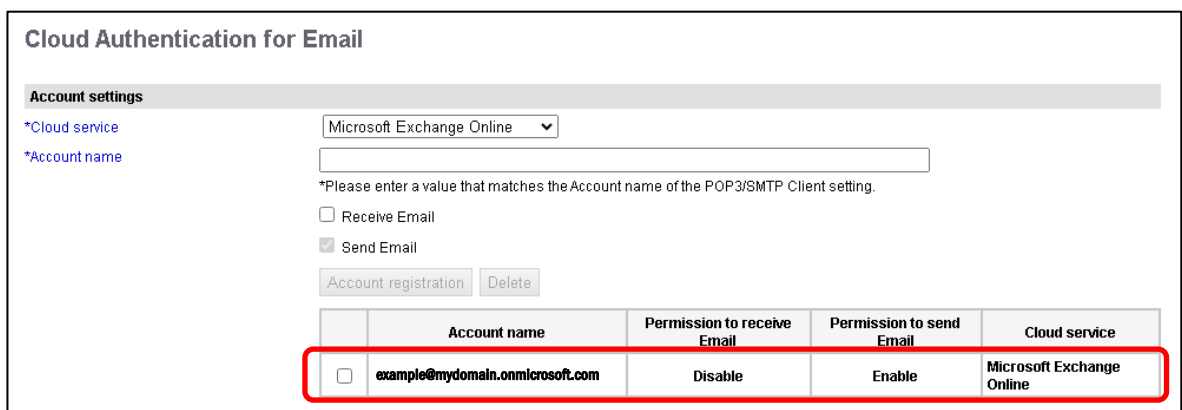
- Read through the terms in the Access Permissions screen. If applicable, select **“Consent on behalf of your organisation”**. Click **Accept**



- A confirmation screen will display saying **“Access was approved. Please continue on the MFP panel.”**



- Return to the **“Cloud Authentication for Email”** window in TopAccess and confirm that the Microsoft 365 account was successfully registered to send e-Mails



4. Receiving e-Mail: e-Mail Printing

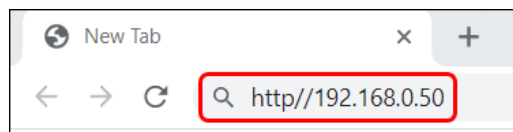
The Toshiba MFD can be configured to print e-Mail jobs from a Microsoft 365 account. The POP3 Client will need to be setup to receive Internet Fax and e-Mails.

4.1 Setting up the POP3 Client

- Obtain the MFD's IP address:
 - From the Control Panel, select **User Functions**
 - Enter the Admin password to continue
 - Select **Network**
 - Select **IPV4**
 - Under **IP Address** is the Address you will need to type into your web browser
The IP address is a set of four numbers separated by a period (.)

Note: Please contact your organisation's I.T. Administration Support if the default Admin password has been changed.

- Open a Web browser, and type "http://" followed by the MFD's IP address, without any spaces, into the web browser address bar

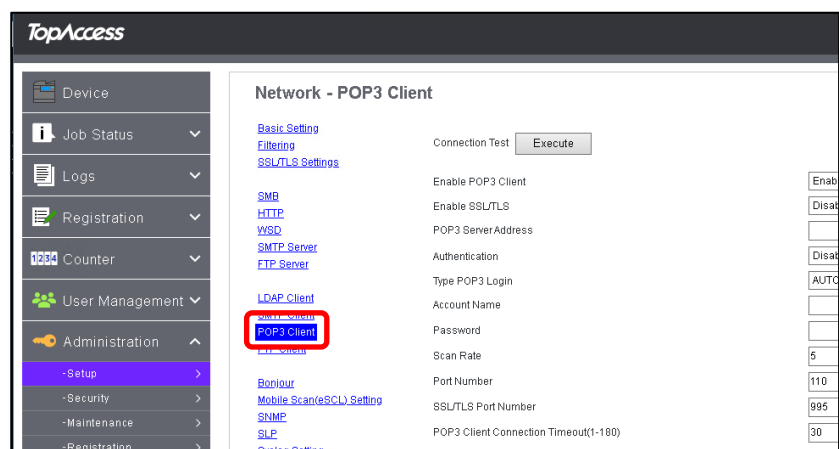


- Select **Login** in the top right hand corner and enter the username and password for admin account



Note: Please contact your organisations I.T. Administration Support if the admin password does not work as it may have been changed

- Navigate to **Administration → Setup → Network → POP3 Client**



5. Input the following

- **Enable POP3 Client** – Enable
- **Enable SSL / TLS** – Accept all certificates without CA
- **POP3 Server Address** – outlook.office365.com
- **Authentication** – Application
- **Account Name** – Enter your Microsoft 365 account e-Mail address
- **Password** – *Leave Blank*
- **Port Number** – 110

6. Click the **Assignment** button

7. Select **“Cloud Authentication for Email”** and click **OK**

	ID	Name
<input checked="" type="radio"/>	10000000-0000-0000-0000-500000000001	Cloud Authentication for Email

8. Select **Save**

9. Click the **“Cloud Authentication for Email”** link

10. Under **Account Name**, enter the same e-Mail account used in **POP3 Client** → **Account Name** and click **Account Registration**

Cloud Authentication for Email

Account settings

*Cloud service: Microsoft Exchange Online

*Account name: example@mydomain.onmicrosoft.com

Account registration

11. When the Microsoft Login page appears, sign in with the same e-Mail account

Microsoft

Sign in

example@mydomain.onmicrosoft.com

Can't access your account?

Back Next

12. Read through the terms in the Access Permissions screen, select **“Consent on behalf of your organisation”** and click **Accept**

Microsoft

example@mydomain.onmicrosoft.com

Permissions requested

Cloud Authentication for Email
TOSHIBA TEC CORPORATION

This app would like to:

- Maintain access to data you have given it access to
- View users' basic profile
- Read and write access to mailboxes via POP

Consent on behalf of your organisation

If you accept, this app will get access to the specified resources for all users in your organisation. No one else will be prompted to review these permissions.

Accepting these permissions means that you allow this app to use your data as specified in their Terms of Service and Privacy Statement. The publisher has not provided links to their Terms for you to review. You can change these permissions at <https://myapps.microsoft.com>. [Show details](#)

Does this app look suspicious? [Report it here](#)

Cancel Accept

13. A confirmation screen will display saying **“Access was approved. Please continue on the MFP panel.”**

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Access was approved. Please continue on the MFP panel.

4.2 Setting up e-Mail Direct Printing

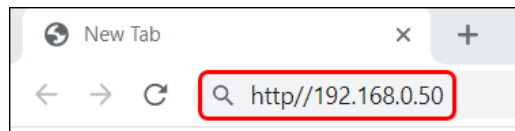
Enabling **e-Mail Direct Printing** in TopAccess instructs the MFD to automatically print e-Mail attachments for e-Mail print jobs. Supported formats for e-Mail Direct Printing include PDF, JPEG, XPS and TIFF files.

Ensure that the POP3 Client is setup and working prior to setting up e-Mail Direct Printing (see [Setting up the POP3 Client](#)).

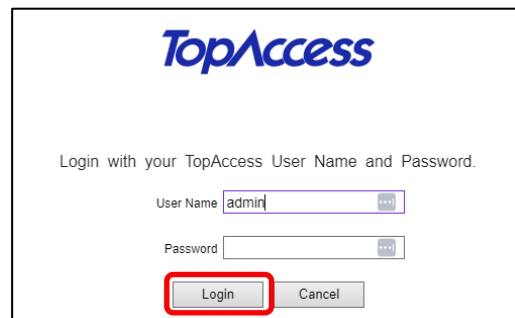
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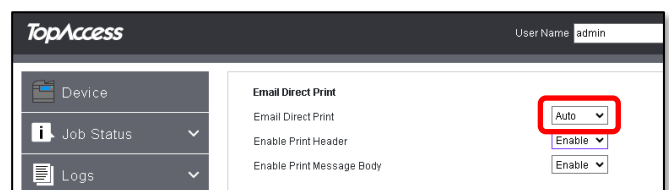


3. Select **Login** in the top right hand corner and enter the username and password for admin account

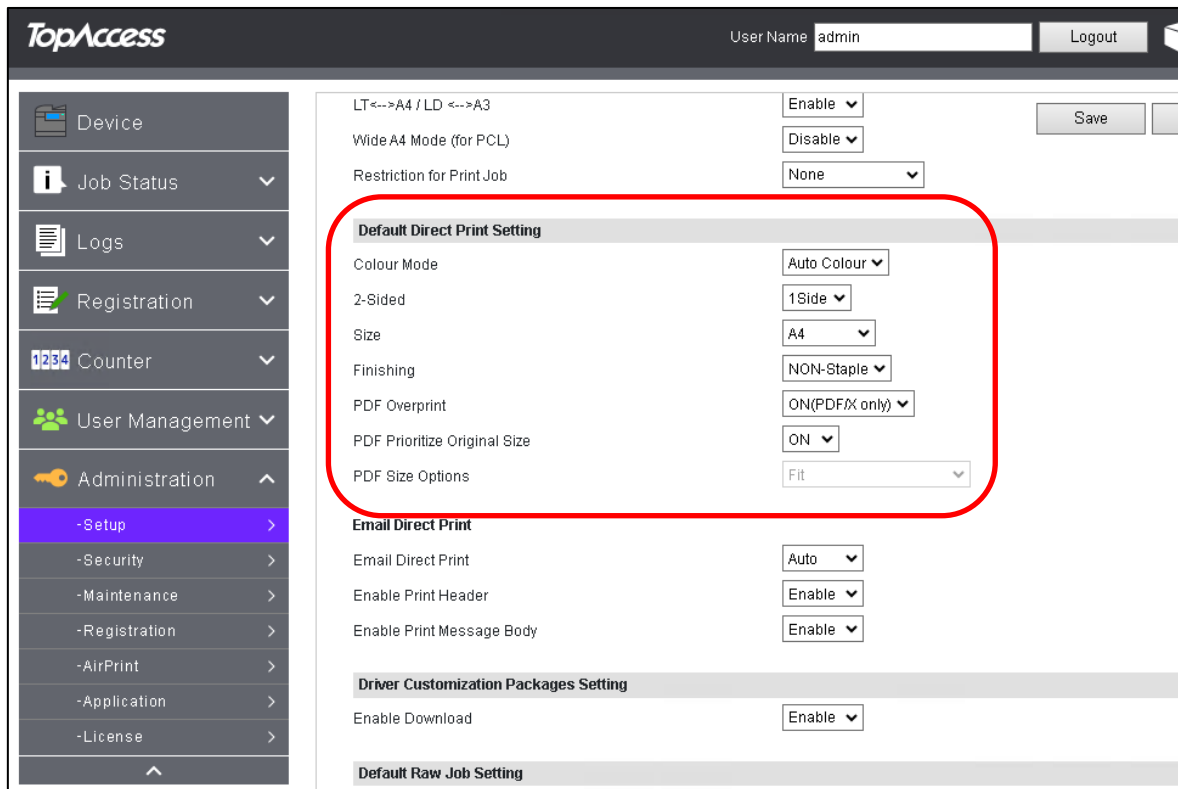


Note: Please contact your organisations I.T. Administration Support if the admin password does not work as it may have been changed

4. Go to **Administration → Setup → Printer**
5. Scroll down to **Default Direct Print Setting** and set **Email Direct Print to Auto**



5. Change the Settings under **Default Direct Print Setting** to determine how the attachments will print from the MFD



6. Click **Save** to apply changes