



GoDADDY TO OFFICE 365 MIGRATION PLAYBOOK

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Introduction

This is a complete step-by-step guide for migrating from GoDaddy Office 365 to Office 365 using BitTitan's migration tools. Migrating these customers to regular Office 365 requires that you do PLAN FOR DOWNTIME. Your MX records on GoDaddy are the same as when you are on Office 365. For this reason, you must remove your primary domain from GoDaddy and recreate it in Office 365. If done correctly, downtime should be limited to 5-15 minutes.

Planning Phase 1: Gather All the Necessary Credentials

1. Credentials Checklist
 - a. Office 365 Global Admin Credentials
 - b. GoDaddy Global Admin Credentials
 - c. BitTitan credentials
 - d. DNS Login Credentials

Note BitTitan comes with a tool called **Deployment Pro** which reconfigures Outlook profiles after the migration. This tool can be pushed out either through GPO or email. If you are going to be pushing this out via GPO you will additionally need:

- e. Credentials to Remote to Primary DC (RDP, TeamViewer, LogMeIn, Splashtop, etc)
- f. Enterprise Admin Credentials for Primary DC

Planning Phase 2: Gather and audit all Users Part of the Migration

1. Gather User List in CSV format, Export from GoDaddy Portal
2. You will need to get a list of passwords from GoDaddy users or notify them of what their password will be in 365

3. Gather Distribution List with members of Distribution list in CSV format
4. Verify Organizational Units in Active Directory that will be a part of the GPO push (if applicable)
5. Take note of any 3rd partner connectors for email filtering: Symantec, Barracuda, etc. Look up necessary steps for creating connectors in 365
6. **Define a Clear Outage Time** for Domain Removal/Recreation. Should be limited to 5-15minutes

Prep Work Phase 1: Prepare Office 365

1. Create a net new Office 365 tenant. The tenant will be spun up with the defaulted **.onmicrosoft.com** domain. This can be spun up direct with Microsoft or purchased through a CSP provider
2. Add Users: Manually, Bulk Upload with a Powershell Script, Bulk Upload with CSV

a. Powershell Script

```
#Connecting to Exchange Online Account#  
  
$credential = Get-Credential  
  
Import-Module MsOnline  
Connect-MsolService -Credential $credential  
  
$exchangeSession = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri  
"https://outlook.office365.com/powershell-liveid/" -Credential $credential -Authentication  
"Basic" -AllowRedirection  
Import-PSSession $exchangeSession -DisableNameChecking
```

Create a CSV with the Following Headers:

- UserPrincipalName
- FirstName
- LastName
- DisplayName
- Password

#Bulk Import Users with Passwords#

```
Import-Csv -Path 'FilePath' | foreach {New-MsolUser -UserPrincipalName
$_.UserPrincipalName -FirstName $_.FirstName -LastName $_.LastName -DisplayName
$_.DisplayName -Password $_.Password -ForceChangePassword $False}
```

Prep Work Phase 2: Prepare Source/Destination for BitTitan

1. Change Send/Receive size in office 365 to max of 150m: <https://help.bittitan.com/hc/en-us/articles/115008108047>

Note Make sure you are still connected to exchange online in powershell

#Change Send/Receive Size#

```
Get-Mailbox | Set-Mailbox -MaxReceiveSize 150MB -MaxSendSize 150MB
```

2. Set Impersonation on Source and Destination. This will allow you to use admin creds to impersonate all mailboxes. With this in place, you will not need creds for all individual users

Note You will have to connect to the GoDaddy 365 tenancy and 365 tenancy separately in powershell and run these commands in each session

#Setting Impersonation#

```
Set-ExecutionPolicy Unrestricted
```

```
$LiveCred = Get-Credential
```

```
$Session = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri
https://ps.outlook.com/powershell/ -Credential $LiveCred -Authentication Basic -
AllowRedirection
```

```
Import-PSSession $Session
```

```
Enable-OrganizationCustomization
```

```
New-ManagementRoleAssignment -Role "ApplicationImpersonation" -User admin@domain.com
```

3. Notify GoDaddy about planned time of removal of domain 24hrs ahead of time

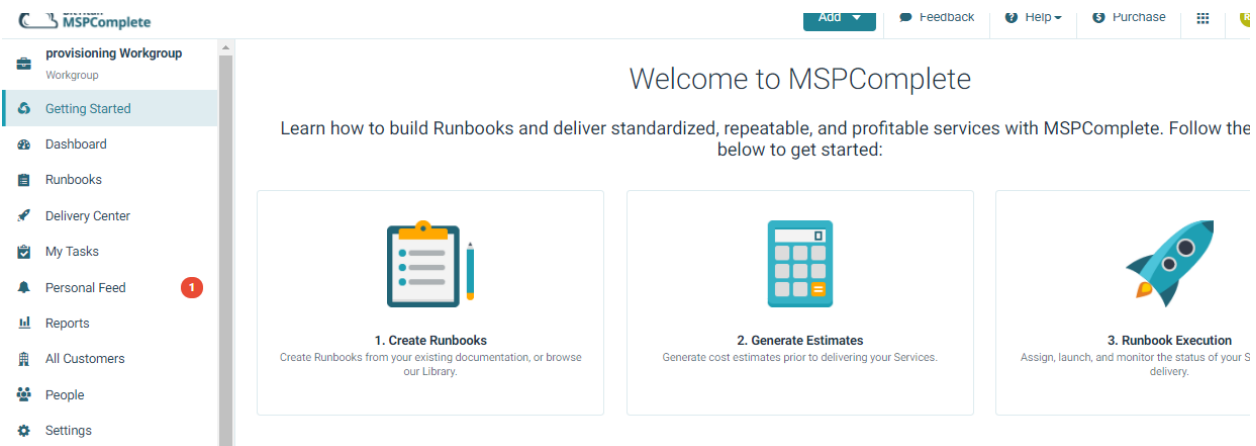
Prep Work Phase 3: Push out DMA agent

BitTitan comes with a deployment pro agent that automatically reconfigures outlook profiles. This will bring over **autofill settings** and **signatures** for all users. There are two options to push this out:

- a. GPO
- b. Email

Note If we are deploying the agent via GPO, users will just receive a popup asking them to authenticate to reopen outlook after cutover. If we are pushing the agent out via email, users will receive a message in which they will have to click on a link to install the agent on their device

1. Login to the BitTitan Portal and Click All Customers on the left-hand column



2. Click Add Customer>Fill out Customer Name and primary Domain>Click Save

Add Customer

▼ Customers

Details

Workgroup Name
provisioning Workgroup

@ Primary Email Domain

Company Name

Primary Location (Optional)
Select Country ▼

City (Optional)

Primary Industry (Optional)
Select Industry ▼

Company Size (Optional)
Select Company Size ▼

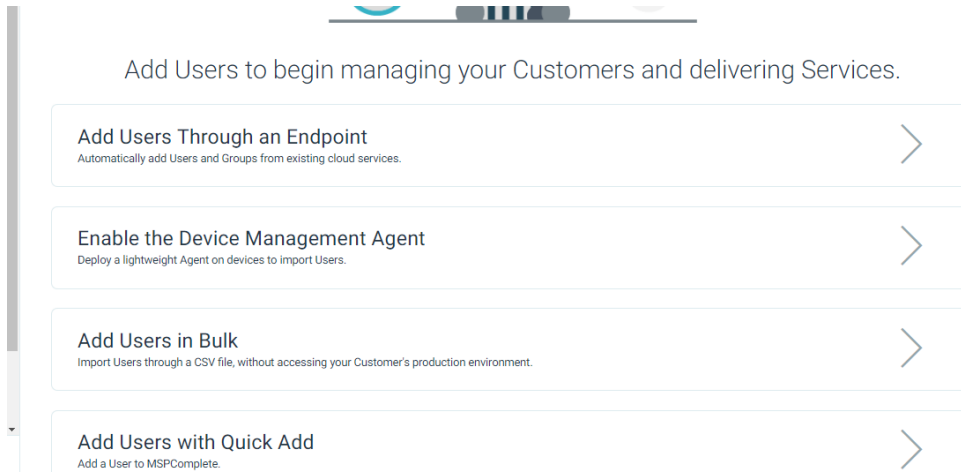
Follow Steps **3-15** if you are choosing to deploy the agent via **GPO**

3. Remote into Primary DC

4. Open Browser and Login to BiTitan.com

5. Go to All Customers>View Users on the Customer you created

6. Click “Enable the Device Management Agent”



7. Follow the steps from the following KB Article which walks you through setting up a new share, placing the exe in the share, creating the GPO, and scheduling it to run: <https://help.bittitan.com/hc/en-us/articles/115008110847>

Add Users with a Device Management Agent

i By using the Device Management Agent, you agree to comply with BitTitan's User Agreement.

Device Management

Instructions

Installing with a Group Policy Object (GPO).

1. Save the Device Management Agent setup file (i.e., BitTitanDMASetup_60577C0A954BA572_.exe) to a network share folder.
The folder needs to be accessible for all Users on the network.
2. Create a GPO that executes the DMA setup file on an Active Directory Organizational Unit's computers with an immediate scheduled task.

Script Parameters: Copy to Clipboard
 \\path-to-
 BitTitanDMASetup_60577C0A954BA572_.exe\BitTitanDMASetup_60577C0A954BA572_.exe

8. Monitor users that successfully have the agent installed by going to Customers>Select customers>Manage>Device Management>Deployment pro

You will need to put in the destination domain and add the 365 endpoint

DeploymentPro
Cancel **Save and Continue**

What is DeploymentPro, and how does it work?

DeploymentPro is a cloud-based solution that remotely configures and manages Users' Outlook profiles.

- To start using DeploymentPro, launch the Device Management Agent.
- Once installed on Users' devices, set up the module to automate the configuration of all Users' Outlook profiles.

[Launch DeploymentPro for UserActivation to View Legacy Projects](#)

Module Configuration

Destination Domain Name

The field cannot be left blank.

Select Destination Endpoint
Office365 + ▾

Once users start to login to their computers, their device will be registered and their primary UPN will be listed "Primary Email Address" column

Search Customers ▾

Cardinal Transport

Overview

SERVICE MODULES

- HealthCheck for Office 365
- DeploymentPro**

Customers > Cardinal Transport > Device Management > **DeploymentPro**

DeploymentPro

Use BitTitan PowerShell to schedule DeploymentPro for a large number of mailboxes. [Read more.](#)

125
Total Users

80
Total Devices

1999058
Licenses Owned

[Schedule Cutover](#)

Customers > Cardinal Transport > Device Management > **DeploymentPro**
Settings

Use BitTitan PowerShell to schedule DeploymentPro for a large number of mailboxes. [Read more.](#)

126
Total Users

80
Total Devices

1999059
Licenses Owned

[Schedule Cutover](#) Sort ▾

Primary Email Address	Destination UPN	Module Status	Not Started → Scheduled → Running → Completed → Error				
██████████	██████████	Scheduled on Apr 9, 2018 11:30am	0	0	0	1	0
██████████	██████████	Scheduled on Apr 7, 2018 12:15pm	0	0	0	1	0
██████████	██████████	Scheduled on Apr 7, 2018 9:45am	0	0	0	1	0
██████████	██████████	Not scheduled	5	0	0	0	0
██████████	██████████	Not scheduled	1	0	0	0	0
██████████	██████████	Not scheduled	1	0	0	0	0

9. Users computers will be listed and will have a "heartbeat". Once a user signs into the device their email will be tied to the device in a one to one relationship.

Home > Customers > Cardinal Transport > Device Management > Computers

Services Computers

80 Computers

Computer Name ↓	Number of Users	Agent Status
AR-004	1	✓
ARDEB	1	✓
AS400CONSOLE-PC	1	✓
BILLINGSARAH	1	✓
BROKERAGEJD-CR	1	✓
CRDTAR-DLS	1	?

10. * If a status shows a ? symbol it most likely means the computer is shut down and the tool has been able to find a heartbeat in over 4 hours*

CRDTAPP	2	✓
CRDT-AR-DLS	1	?

11. Once all users have populated and have the DMA agent installed, Schedule the cutover date for the agent to run on their computer. **(This is after you move the domain to Office 365)**

Schedule DeploymentPro

Schedule for Profile Cutover

This is the date and time scheduled for DeploymentPro to run on your Users' machines. The module will install on their devices at the next heartbeat, and then run silently until:

Select a date.
May 11th, 2018 11:30am

The time specified is (America/Denver).

Subscribed Users (no license required): 1

License Consumption

Users	License per User	Total Licenses Required
1	1	0

User Destination Email

The Destination email address is the email address of the new profile after it has been configured.

Source Email	Destination User Principal Name
[Redacted]	[Redacted] <input type="text" value="@crtrans.biz"/>

Cancel

Schedule Cutover

Note If there are multiple domains involved you will have to go to “settings” in the deployment pro page and change the domain for the users who need the separate domain

12. Once the agent is scheduled successfully, all users should change to a status of "running"

25 Total Users		25 Total Devices		1999059 Licenses Owned	
<input type="button" value="Schedule Cutover"/>					
Primary Email Address	Destination UPN	Module Status	Not Started	Scheduled	Running
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 9:15am	0	0	0
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 4:00pm	0	0	0
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 9:15am	1	0	1
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 9:15am	0	0	1

13. If the status does not say "running" but remains in "scheduled" reschedule again until it moves into a **running status**

14. If users are not being picked up with the GPO, troubleshoot with the one remote emote user:

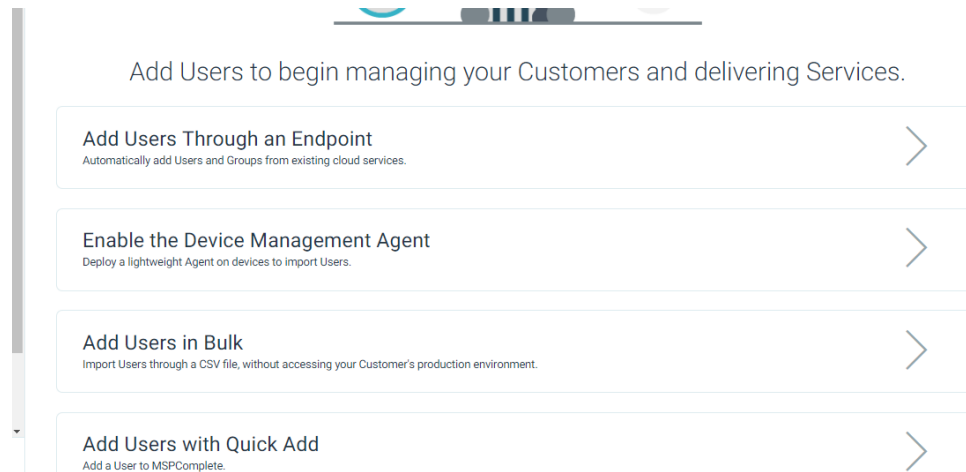
- Run Gpresult on their computer to see if the GPO is running
- If the GPO is running, try running the exe manually to see if it is blocked but a firewall setting
- If it is blocked, then create an exception to the firewall to allow the exe to run.
- If it is not being blocked check to see if there are any web proxy settings that may be blocking communication back to BitTitan

15. *This completes the steps for setting up DMA via GPO. If you have completed this successfully then move on to the next section. If you are deploying the agent via email, follow steps 16-26.

Deploying DMA via EMAIL

16. In the BitTitan portal, go to All Customers and select the customer you created

17. Click Add Users Through An Endpoint



The screenshot shows a user interface for adding users. At the top, there is a header with the text "Add Users to begin managing your Customers and delivering Services." Below this header are four rectangular buttons, each with a title, a brief description, and a right-pointing chevron icon. The buttons are: "Add Users Through an Endpoint" (description: "Automatically add Users and Groups from existing cloud services."), "Enable the Device Management Agent" (description: "Deploy a lightweight Agent on devices to import Users."), "Add Users in Bulk" (description: "Import Users through a CSV file, without accessing your Customer's production environment."), and "Add Users with Quick Add" (description: "Add a User to MSPComplete.").

Add Users to begin managing your Customers and delivering Services.

- Add Users Through an Endpoint**
Automatically add Users and Groups from existing cloud services.
- Enable the Device Management Agent**
Deploy a lightweight Agent on devices to import Users.
- Add Users in Bulk**
Import Users through a CSV file, without accessing your Customer's production environment.
- Add Users with Quick Add**
Add a User to MSPComplete.

18. Click Manage Endpoint>Add Endpoint

19. Add the GoDaddy Endpoint and Provide the Administrative Credentials

New Endpoint

▼ Endpoints

Details

Endpoint Name
GoDaddy

Name your endpoint

Endpoint Type
Office 365

Provide credentials

Providing credentials at the endpoint level allows you to have a centralized set of credentials that can be used across BitTitan products.

Do not provide credentials.

If credentials are not provided at the endpoint level, you will need to provide per-user credentials when using the endpoint as part of your projects.

Administrator Username

Enter an administrator username

Administrator Password

Enter an administrator password

Note This will autodiscover users from the GoDaddy and populate them in the BitTitan portal

20. From here you can select users by checking the box next their name and selecting "Enable Device Management Through Email"

1 Users ▼ 🔍 Add Users ▼

1 Selected Apply User Migration Bundle License Delete Users Enable Device Management Through Email

	Primary Email Address	User Principal Name	First Name	Last Name	DMA Status	License Expiration
<input checked="" type="checkbox"/>	Demouser@test.com	Demouser@test.com	Demo	User	🔒	None

21. Enter a valid email in the “From” section of the template and click Send Email

Enable Device Management Through Email

Device Management Agent

Email details

To change the list of recipients, go back to the Users list and update your selection.

You can use Markdown syntax to format your email. [Click here for help.](#)

To
Demouser@test.com

From
From

Enter email address

Subject
Action required: Install the BitTitan Device Management Agent on your computer.

Enter email subject

– Insert a placeholder – ▼

```

Hello {user_first_name},

### Important Announcement

We are currently planning a series of updates and improvements to our IT Services.
    
```

Note You can white label this email specific to the content you want users to receive. This email is specific to the user and **cannot be forwarded** to another user for them to click on the link for the exe file. The User simply clicks on a link to open up a new page and click on one more link to download the exe file

22. Monitor users that successfully have the agent installed by going to Customers>Select customers>Manage>Device Management>Deployment pro

You will need to put in the destination domain and add the 365 endpoint

DeploymentPro
Cancel Save and Continue

What is DeploymentPro, and how does it work?

DeploymentPro is a cloud-based solution that remotely configures and manages Users' Outlook profiles.

- To start using DeploymentPro, launch the Device Management Agent.
- Once installed on Users' devices, set up the module to automate the configuration of all Users' Outlook profiles.

i [Launch DeploymentPro for UserActivation to View Legacy Projects](#)

Module Configuration

Destination Domain Name

The field cannot be left blank.

Select Destination Endpoint
Office365 + ▾

Once users start to login to their computers, their device will be registered and their primary UPN will be listed "Primary Email Address" column

Search Customers
Cardinal Transport ▾

Overview

SERVICE MODULES

HealthCheck for Office 365

DeploymentPro

Customers > Cardinal Transport > Device Management > **DeploymentPro**

DeploymentPro

Use BitTitan PowerShell to schedule DeploymentPro for a large number of mailboxes. [Read more.](#)

125
Total Users

80
Total Devices

1999058
Licenses Owned

Schedule Cutover

Customers > Cardinal Transport > Device Management > **DeploymentPro**

DeploymentPro Settings

Use BitTitan PowerShell to schedule DeploymentPro for a large number of mailboxes. [Read more.](#)

126
Total Users

80
Total Devices

1999059
Licenses Owned

Schedule Cutover

Sort ▾

Primary Email Address	Destination UPN	Module Status					
			Not Started	Scheduled	Running	Completed	Error
		Scheduled on Apr 9, 2018 11:30am	0	0	0	1	0
		Scheduled on Apr 7, 2018 12:15pm	0	0	0	1	0
		Scheduled on Apr 7, 2018 9:45am	0	0	0	1	0
		Not scheduled	5	0	0	0	0
		Not scheduled	1	0	0	0	0
		Not scheduled	1	0	0	0	0

23. User's computers will be listed and will have a "heartbeat". Once a user signs into the device their email will be tied to the device in a one to one relationship.

Home > Customers > Cardinal Transport > Device Management > Computers

Services Computers

80 Computers

Computer Name ↓	Number of Users	Agent Status
AR-004	1	✓
ARDEB	1	✓
AS400CONSOLE-PC	1	✓
BILLINGSARAH	1	✓
BROKERAGEJD-CR	1	✓
CRDTAR007	1	?

* If a status shows a ? symbol it most likely means the computer is shut down and the tool has been able to find a heartbeat in over 4 hours*

CRDTAPP	2	✓
CRDT-AR-DLS	1	?

24. Once all users have populated with a and have the DMA agent installed, Schedule the cutover date for the agent to run on their computer. (This is after you move the domain to office365)

Schedule DeploymentPro

Schedule for Profile Cutover

This is the date and time scheduled for DeploymentPro to run on your Users' machines. The module will install on their devices at the next heartbeat, and then run silently until:

Select a date.
May 11th, 2018 11:30am

The time specified is (America/Denver).

Subscribed Users (no license required): 1

License Consumption

Users	License per User	Total Licenses Required
1	1	0

User Destination Email

The Destination email address is the email address of the new profile after it has been configured.

Source Email	Destination User Principal Name
<input type="text"/>	<input type="text" value="@crtrans.biz"/>

Cancel

Schedule Cutover

Note If there are multiple domains involved you will have to go to "settings" in the deployment pro page and change the domain for the users who need the separate domain

25. Once the agent is scheduled successfully, all users should change to a status of "running"

25

Total Users

25

Total Devices

1999059

Licenses Owned

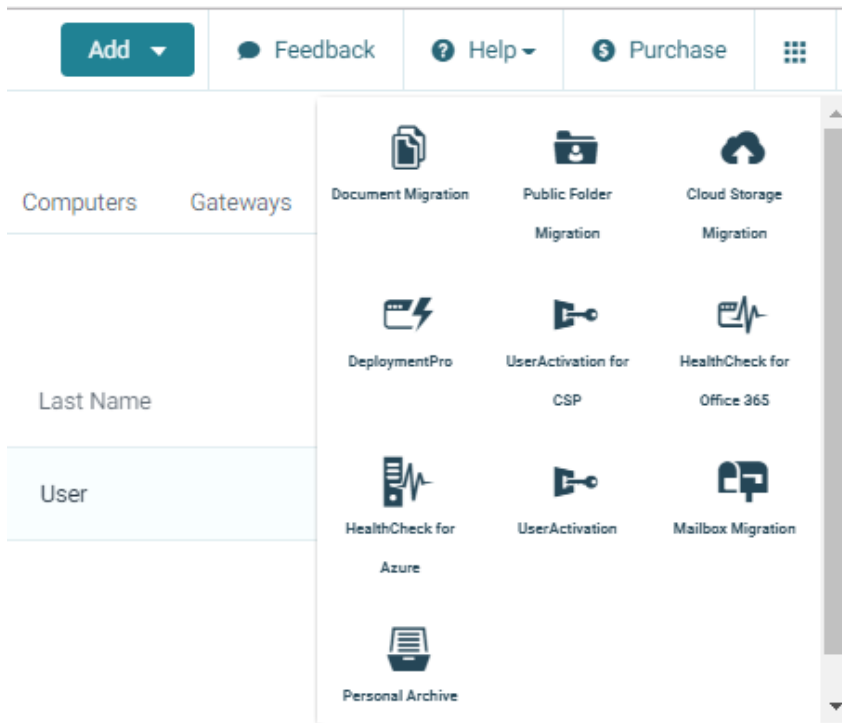
▶ Schedule Cutover

Primary Email Address	Destination UPN	Module Status	Not Started	Scheduled	Running
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 9:15am	0	0	0
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 4:00pm	0	0	0
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 9:15am	1	0	1
[Redacted]	[Redacted]	Scheduled on Apr 30, 2018 9:15am	0	0	1

26.If the status does not say "running" but remains in "scheduled" reschedule again until it moves into a running status

Prep Work Phase 4: Setup BitTitan Project









1. In BitTitan Portal, Open MigrationWiz by clicking on waffle icon at top of the page>Click Mailbox Migration



2. Click Create Project>Select Mailbox Project


PROJECT TYPE

Select a Project Type:

<p>Create a Mailbox Project</p> <p><input checked="" type="radio"/> With Mailbox Projects, automatically migrate data related to the User mailbox. With most configurations you can migrate email, calendars, contact...</p> 	<p>Create a Document Project</p> <p><input type="radio"/> With Document Projects, automatically transfer all your data (including your entire folder hierarchy) from one cloud storage solution to anothe...</p> 
<p>Create a Public Folder Project</p> <p><input type="radio"/> Public Folder Projects fully automate the migration process of moving Public Folders, including Public Folder structure and permissions, from one...</p> 	<p>Create a Personal Archive Project</p> <p><input type="radio"/> With Personal Archives, you can automatically migrate all of your archived...</p> 
<p>Create an Archive Migration Service Project</p> <p><input type="radio"/> With Archive Migration Services, you can migrate large-scale, enterprise-level archived...</p> 	<p>Create a Cloud Storage Project</p> <p><input type="radio"/> With Cloud Storage Projects, migrate large-scale and unstructured...</p> 
<p>Create a Collaboration Project</p> <p><input type="radio"/> With Collaboration Projects, you can automatically migrate data from one collaboration platform to...</p> 	<p>Create A Database Project</p> <p><input type="radio"/> Database Projects enable you to migrate on-premises Microsoft SQL Server 2005 and later to Microsoft SQL Server 2012 and later, as well as Microsoft...</p> 

3. Name the Project and select your customer from the dropdown>Click Next Step

PROJECT INFORMATION



Mailbox

With Mailbox Projects, automatically migrate data related to the User mailbox. With most configurations you can migrate email, calendars, contacts, journals, tasks, and notes.


Project Name*

Customer*

 ▼ New

✔ Next Step

4. If you followed the steps for email deployment for the DMA agent you should be able to select your endpoint from the dropdown. If you did not, Select New and fill out the fields as shown below:



New Endpoint

Details

Endpoint Name

GoDaddy

If you don't know your Server Type, click the button:

+ Find My Service Provider

Endpoint Type

Office 365
▼

- Provide credentials**
Providing credentials at the endpoint level allows you to have a centralized set of credentials that can be used across BitTitan products.
- Do not provide credentials.**
If credentials are not provided at the endpoint level, you will need to provide per-user credentials when using the endpoint as part of your projects.


Administrator Username

Enter an administrator username

Administrator Password

Enter an administrator password
👁

5. In the Destination Settings, Click New, and add the 365 endpoint. Providing the admin credentials

 **New Endpoint**

Exchange server, Office 365, etc.). Endpoints can be reused for projects across all BitTitan products, and are managed from the Customer Dashboard. Endpoints allow you to perform migrations, the discovery of Users and Groups, and administrative action.

[Learn About Adding Endpoints](#)

Details

Endpoint Name

If you don't know your Server Type, click the button:

[+ Find My Service Provider](#)

Endpoint Type

- Provide credentials**
Providing credentials at the endpoint level allows you to have a centralized set of credentials that can be used across BitTitan products.
- Do not provide credentials.**
If credentials are not provided at the endpoint level, you will need to provide per-user credentials when using the endpoint as part of your projects.

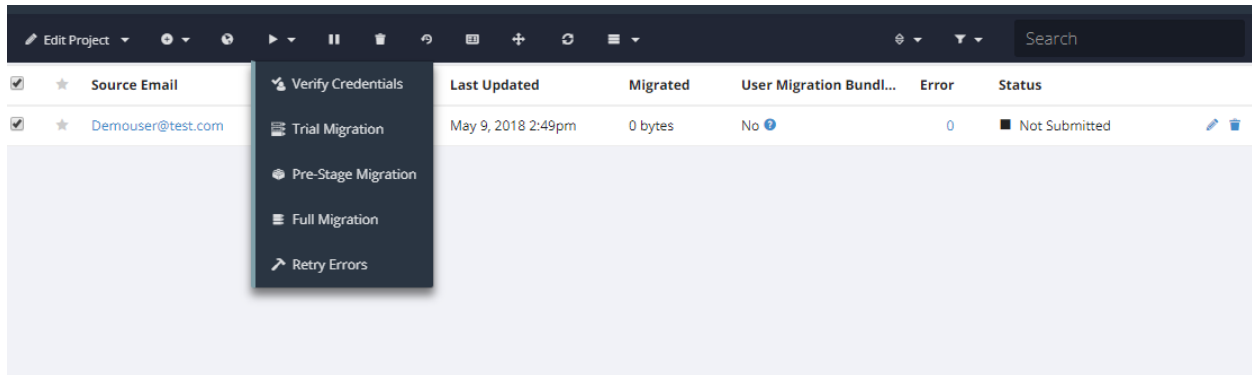
Administrator Username

6. Click “Save and Go to Summary” This tells you whats eligible to move and give you additional KB articles you can reference:

7. Add items to your project. If you already added users to the MSP complete portal either through GPO or an endpoint. You can select “Add from MSP Complete”. If you have not yet, then you can select Autodiscover items to import users to the portal

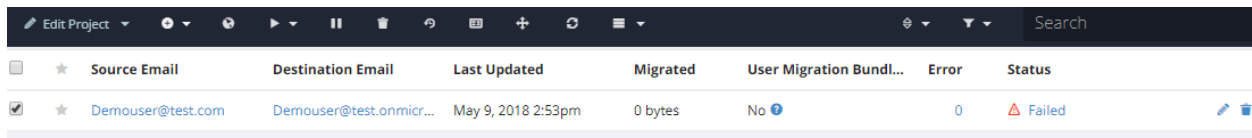
8. Audit User names and Domains (Make sure they match 365), Cleanup user list. **Source should have the domain.com format and the destination should match the domain.onmicrosoft.com format**

9. Select All Users>Verify Credentials

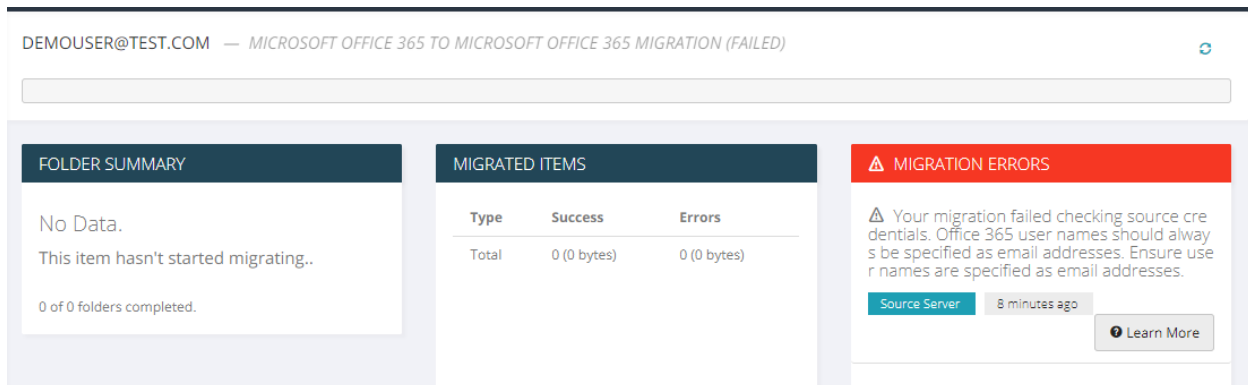


10. There are numerous errors that could appear here. Most of the steps I made for prep work will make it so that you avoid most of these errors. Refer to BitTitan’s KB articles for most common errors and how to troubleshoot. <https://help.bittitan.com/hc/en-us/sections/115003465187-Mailbox-Error-Lookup?page=2>

Unsuccessful verification will show a “Failed” Message



You can click on the Failed icon to show a detailed message of what failed



Click on “Learn More” to access BitTitan’s Relevant kb articles specific to the error:

OFFICE 365 USER NAMES SHOULD ALWAYS BE SPECIFIED AS EMAIL ADDRESSES

Open In New Window

Office 365 user names should always be specified as email addresses: This error indicates that the specified Office 365 user name is invalid. Office 365 requires users to log in with an email address, not a user name as in "John Doe" or "domain\johndoe".

Resolution:

We recommend the following:

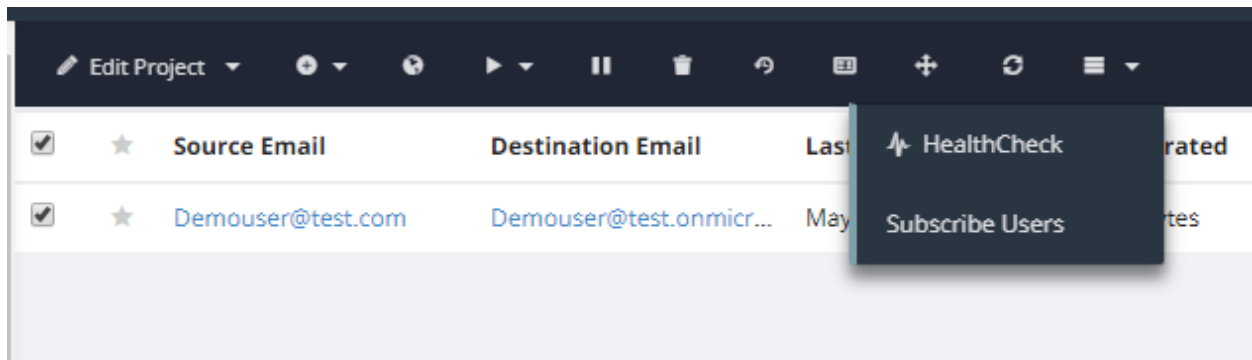
1. If using administrative credentials for Office 365, check the admin user name specified on your project.
2. If not using administrative credentials for Office 365, check the mailbox owner user name specified on the mailbox.
3. In all cases, make sure the user name work when logging in at <https://login.microsoftonline.com>.

Close

Successful Verification will show a “Completed(Verification)” message


<input type="checkbox"/>	★ Source Email	Destination Email	Last Updated	Migrated	User Migration Bundl...	Error	Status
<input checked="" type="checkbox"/>	★ accounts-payable@vel...	accounts-payable@vel...	May 9, 2018 2:52pm	267.17 KB	No	0	✓ Completed (Verifica...

11. After all users have successfully completed verification, Select All users>Click on the Hamburger icon at the top of the toolbar> Click Subscribe Users



12. This will bring you back to the MSP complete portal. Select all users>Click Apply User Migration Bundle

1 Users

1 Selected						
Apply User Migration Bundle License		Delete Users		Enable Device Management Through Email		
<input type="checkbox"/>	Primary Email Address	User Principal Name	First Name	Last Name	DMA Status	
<input checked="" type="checkbox"/>	Demouser@test.com	Demouser@test.com	Demo	User		

13. This takes a couple of minutes to propagate but after, in the migrationwiz portal the “User Migration Bundle” column will change from “No” to “Yes”

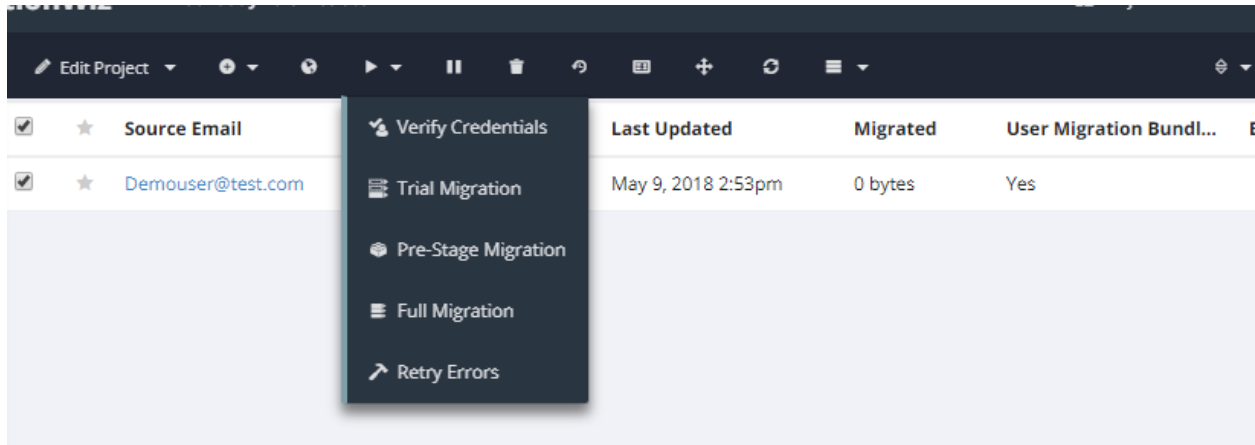
User Migration Bundl...

Yes

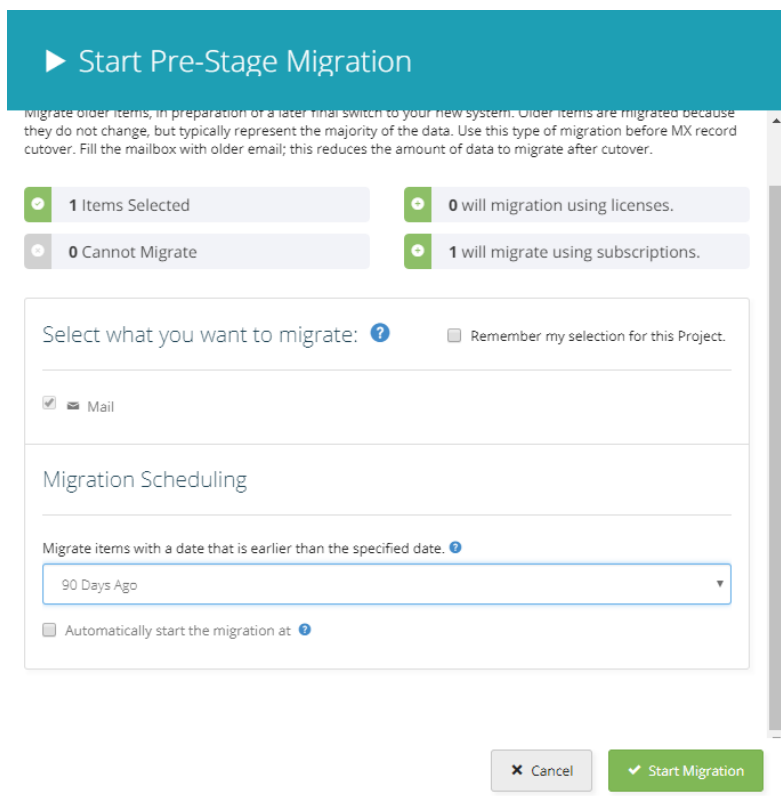
Migration Phase 1

1. Preferably start at beginning of the week, plan for domain removal/recreation on Friday evening

2. Select All Users>Click on the start button>Pre-stage Pass



3. Select a time range from the dropdown of prior to 90 days>Start Migration



4. This will give you a status bar and show the amount of data moved over in the “bytes” column. If any users fail, it’s usually do to server timeout. Simply rerun the pre-stage pass on these users to restart where it left off. If you click on any user’s name, you can see metrics like upload speeds:

The screenshot shows two panels. The left panel, titled "MIGRATION HISTORY", lists three migration tasks:

- Verify Credentials**: Status: Success, Duration: a few seconds. Start: May 9, 2018 2:51pm, End: May 9, 2018 2:52pm.
- Full Migration**: Status: Success, Duration: 3 minutes. Start: May 8, 2018 6:51am, End: May 8, 2018 6:55am.
- Full Migration**: Status: Success, Duration: 2 minutes. Start: May 7, 2018 8:11pm, End: May 7, 2018 8:13pm.

The right panel, titled "DURATION AND SPEED", contains a table with the following data:

Statistic	Source	Destination
Active Duration	6 minutes	a few seconds
Passive Duration	Less than a second	6 minutes
Data Speed	3 MB/hr	146 MB/hr
Item Speed	97 items/hr	5,597 items/hr

Below the table is a button labeled "Performance Analysis".

5. Once the pre-stage migration has run for all users and is in a "Completed" Status

		May 8, 2018 6:53am	441.16 MB	No	0	✓ Completed	
		May 8, 2018 6:53am	506.66 MB	No	0	✓ Completed	
		May 8, 2018 6:53am	6.09 GB	No	23	✓ Completed	
		May 8, 2018 6:52am	29.49 MB	No	0	✓ Completed	
		May 8, 2018 6:57am	25.17 GB	No	31	✓ Completed	

6. Next we are going to perform a full migration to bring over copies of remaining mail plus calendars, contacts, notes, journals, rules. Select All users>Click on the start button>Full Migration

The screenshot shows the migration tool interface. A context menu is open over the "Source Email" column, listing the following options:

- Verify Credentials
- Trial Migration
- Pre-Stage Migration
- Full Migration** (highlighted)
- Retry Errors

The background table shows the following columns: "Source Email", "Last Updated", "Migrated", and "User Migration Bundl...". The row for "Demouser@test.com" shows "Last Updated" as "May 9, 2018 2:53pm", "Migrated" as "0 bytes", and "User Migration Bundl..." as "Yes".

7. You can schedule this to start at a specific time if you would like:

▶ Start Full Migration

What is a Full Migration? [?](#)

Use this type of migration for Big Bang (Single-Pass) Migrations, or for following an earlier Pre-Stage Migration. Use this after MX record cutover to make sure you are not missing any data.

1 Items Selected

0 will migration using licenses.

0 Cannot Migrate

1 will migrate using subscriptions.

Select what you want to migrate: [?](#) Remember my selection for this Project.

Contacts

Calendars

Mail

Journals

Notes

Tasks

Rules

Migration Scheduling

Automatically start the migration at [?](#)

May ▼

10 ▼

2018 ▼

0 ▼

0 ▼

(Local Time)

✕ Cancel

✔ Start Migration

8. Confirm all users go into a "Completed" Status

Migration Phase 2: Domain Removal Recreation

1. Login to the GoDaddy portal with Admin Creds
2. Bulk Change all users UPN to remove the primary domain.

#Bulk Changing UPNs#

```
$UserCredential = Get-Credential
Connect-MsolService -Credential $UserCredential
$Session = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri
https://outlook.office365.com/powershell-liveid/ -Credential $UserCredential -
Authentication Basic -AllowRedirection
Import-PSSession $Session -AllowClobber
$testpath = test-path c:\temp; If ($testpath -eq $false) {new-item -type directory
c:\temp}; $dataout = @();
Get-MsolUser -All | ? {$_.UserPrincipalName -match "domain.com" } | % {Set-
MsolUserPrincipalName -ObjectId $_.objectId -NewUserPrincipalName
($_.UserPrincipalName.Split("@")[0] + "@domain.onmicrosoft.com"); $dataout +=
"$($_.UserPrincipalName)" ; $_.UserPrincipalName };$dataout | out-file
c:\temp\UPNChangeOutput.txt
```

Note Change variables "Domain.com" and "Domain.onmicrosoft.com" to match your environment

3.Remove all Alias' with primary domain

#Remove Domain From Alias#

```
$Records = Get-mailbox -ResultSize Unlimited| where {$_.emailaddresses -like
"smtp:*@domain.com"} | Select-Object
DisplayName,@{Name="EmailAddresses";Expression={$_.EmailAddresses |Where-Object {$_ -
like "smtp:*domain.com"}}}

foreach ($record in $Records)
{
    write-host "Removing Alias" $record.EmailAddresses "for" $record.DisplayName
    Set-Mailbox $record.DisplayName -EmailAddresses @{Remove=$record.EmailAddresses}
}
```

Note Replace "Smtip:*domain.com*" with the alias in your environment

4. Remove all groups with primary domain

#Remove Groups with Domain#

```
Get-MsolGroup -all | ?{$_.emailaddress -match "domain.com"} | Remove-MsolGroup -force
```

5. Remove Domain from GoDaddy Portal, this will tell you if there are any remaining Users/Groups with the Domain still attached
6. Login to the Office 365 portal
7. Go to Setup>Domains>Add Domain
8. Add the primary domain and verify with TXT record
9. Login to DNS Portal and provide TXT Record given by Microsoft
10. Go back to the Office365 portal and Click Verify. Skip the rest of the DNS setting entries for now. *Note* this could take up to 15min before the domain can be recreated in the 365 portal after removing from GoDaddy
11. Bulk Update all Users UPNs

#Bulk Changing UPNs#

```
$UserCredential = Get-Credential
Connect-MsolService -Credential $UserCredential
$Session = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri
https://outlook.office365.com/powershell-liveid/ -Credential $UserCredential -
Authentication Basic -AllowRedirection
Import-PSSession $Session -AllowClobber
$testpath = test-path c:\temp; If ($testpath -eq $false) {new-item -type directory
c:\temp}; $dataout = @();
Get-MsolUser -All | ? {$_ .UserPrincipalName -match "domain.onmicrosoft.com" } | % {Set-
MsolUserPrincipalName -ObjectId $_.objectid -NewUserPrincipalName
($_.UserPrincipalName.Split("@")[0] + "@domain.com"); $dataout +=
"$($_.UserPrincipalName)" ; $_.UserPrincipalName };$dataout | out-file
c:\temp\UPNChangeOutput.txt
```

Note This is the reverse of what we did in step #2. Change variables "Domain.com" and "Domain.onmicrosoft.com" to match your environment

12. Add Alias' to Users

#Add Alias to Users#

```
$LiveCred = Get-Credential
$Session = New-PSSession -ConfigurationName Microsoft.Exchange -Connecti
dential $LiveCred -Authentication Basic -AllowRedirection
Import-PSSession $Session
$users = Get-Mailbox
foreach ($a in $users) {$a.emailaddresses.Add("$(a.alias)@domain.com")
$users | %{Set-Mailbox $_.Identity -EmailAddresses $_.EmailAddresses}
```

13. Upload All DLs with users

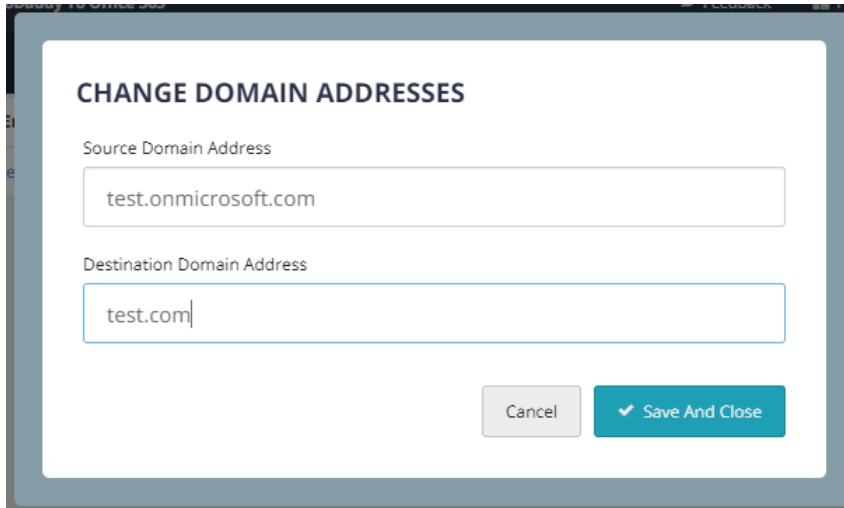
#Add Distribution Lists with Members#

```
Import-Csv -Path 'File Path.csv' | foreach {New-
Distributiongroup -Name $_.Name -PrimarySmtpAddress $_.Address
}

Import-Csv 'File Path.csv' | foreach {Add-
DistributionGroupMember
-Identity $_.DL -Member $_.Alias}
```

Migration Phase 3: Post Migration Cleanup

1. In the BitTitan Portal, swap domains from the source and Destination by clicking on the globe icon on the top toolbar:



CHANGE DOMAIN ADDRESSES

Source Domain Address

test.onmicrosoft.com

Destination Domain Address

test.com

Cancel Save And Close

2. Run a Full Pass again on all users (This will run a delta sync to collect any residual mail)
3. Audit Destination Environment Mailflow for Inbound/Outbound Mail
4. Login to BitTitan>Go to All customers>Select customer>Manage>Device Management>Deployment Pro
5. Once users authenticate to DMA agent on their computer by putting in their 365 password, the DMA status will move into "Completed" status. If in "error" status it means the users failed authentication 3x. Reschedule the tool to run at the next time interval available.

For more info, check out this KB article on end user experience with Deployment Pro:
<https://help.bittitan.com/hc/en-us/articles/115008111167-What-is-the-end-user-experience-when-DeploymentPro-reconfigures-their-Outlook-profile->

Customers > CEI > Device Management > DeploymentPro

DeploymentPro Settings

Use BitTitan PowerShell to schedule DeploymentPro for a large number of mailboxes. [Read more.](#)

11 Total Users 11 Total Devices 1999059 Licenses Owned

Schedule Cutover Sort Q

Primary Email Address	Destination UPN	Module Status	Not Started	Scheduled	Running	Completed	Error
[Redacted]	[Redacted]	Scheduled on May 4, 2018 1:00pm	0	0	0	1	0
[Redacted]	[Redacted]	Scheduled on May 7, 2018 11:00am	0	0	0	1	0
[Redacted]	[Redacted]	Scheduled on May 7, 2018 11:00am	0	0	0	1	0
[Redacted]	[Redacted]	Scheduled on May 7, 2018 11:00pm	0	0	0	1	0
[Redacted]	[Redacted]	Scheduled on May 4, 2018 1:00pm	0	0	0	1	0
[Redacted]	[Redacted]	Scheduled on May 4, 2018 1:00pm	0	0	0	1	0

6. Send out guides on configuring mail on Iphone/Android:

<https://support.office.com/en-us/article/set-up-email-using-the-ios-mail-app-7e5b180f-bc8f-45cc-8da1-5cefc1e633d1>

<https://support.office.com/en-us/article/set-up-email-in-android-email-app-71147974-7>

7. Perform any account clean up that is required