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Introduction

This is a complete step-by-step guide for migrating a file share from a local server to SharePoint Online in Office 365 using BitTitan.

Planning Phase 1: Gather All the Necessary Credentials

- 1. Credentials Checklist
 - a. Office 365 Global Admin Credentials
 - b. Credentials to access local share
- 2. Special Considerations
 - a. If permissions are to be included in the migration, users must exist on Office 365 and have Office 365 licenses assigned to them.
 - b. To perform the migration, you will need an Azure subscription and you will incur cost for the time you have your file share in a storage account there. This cost will be minimal. You can get a trial and perform this for free or you can get a paid subscription direct with Microsoft (pay-as-you go) or through a CSP
 - c. You will need to create separate MigrationWiz projects for each file share. You will create a baseline project first with all the Advanced Options set, and then use the MigrationWiz Clone feature to create one MigrationWiz project per file share, based on this first baseline project (tutorial in this guide)

Planning Phase 2: Create a structure for SharePoint

There are many different ways you could configure your file share to be imported into SharePoint. The most basic method is to:

- 1. Create a new site
- 2. Add a new Document library
- 3. Migrate your file share to that document library



While this is sufficient, it may not meet your organizational needs or goals for the new SharePoint environment you are creating. You may want to create multiple sites/document libraries depending on the company's workflow. Have an idea of how you want things structured before you proceed with the migration. Reading this guide all the way through will give you a good idea of what everything will look like once it is migrated to SharePoint.



- 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. Go to Portal.azure.com and sign in with the 365 global admin credentials



3. In the left-hand corner, go to **All Services>Subscriptions**



4. If you already had an Azure sub, they would be listed here. If not click +ADD

Microsoft Azure		${\cal P}$ Search resources, services, and docs		× 🗘	>_	٤ <u>٩</u>	9		
+ Create a resource	Subscriptions								
$\vdots \equiv$ All services	+ Add								
+ FAVORITES	Showing subscriptions in wraj records. Don't see a sub:	scription? Switch directories	Status 0						
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Virtual networks									
Azure Active Directory									
🕒 Monitor									
💠 Advisor			N						
Security Center			12						

5. Here you can get a trial or Pay-as-you-go. CSP subscriptions come from the CSP provider directly:





6. Once you have an active subscription, you can go back to the dashboard>Click Create a Resource



7. Search for "storage" and Click on "Storage Account- blob, file, table, queue"

Microsoft Azure		⇒ Search resources, services, and docs	⊋ ≻_ ﷺ ☺ Ø	₽
	Home > New > Marketplace > Everything Marketplace * ×	Everything		* 🗆 ×
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— 🛨 FAVORITES ————————————————————————————————————	Everything	✓ storage		×
Dashboard	Compute	Results		
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🔇 App Services	Web	Data Lake Storage Geni	Microsoft	Storage
Function Apps	Mobile	Azure File Sync (preview)	MICrosoft	Storage
🗟 SQL databases	Containers	StorSimple Physical Device Series	Microsoft	Storage
🥖 Azure Cosmos DB	Databases	StorSimple Virtual Device Series	Microsoft	Storage
👰 Virtual machines	Analytics	Backup and Site Recovery (OMS)	Microsoft	Storage
🚸 Load balancers	AI + Machine Learning	Storage account - blob, file, table, queue	Microsoft	Storage
Storage accounts	Internet of Things	Nutanix Storage	HVCU_Inc	Analytics.
··· Virtual networks	Integration			
Azure Active Directory	Security	Microsoft		
· · · · · · · · · · · · · · · · · · ·	4			



8. Click Create





Name the storage account	Int
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Create st	orage a	ccount			×
The cost of y the usage ar Learn more	our storage d the optio	e account ns you ch	depends oose belo	on ow.	•
* Name ፀ					
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Deployment	model				
Resource r	nanager	Classic			
Account kin	d				
Storage (g	eneral purp	ose v1)		\sim	
* Location					
South Cen	tral US			\sim	
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Performance	• 0				
Standard	Premium				
* Secure tra	nsfer requir	ed			
Disabled	Enabled				-
Pin to d	lashboard				



Automation options



10. Create a new Resource Group or use an existing one if you created one in the past and then click Create

Create storage account
Performance Standard Premium * Secure transfer required Disalified Enabled * Subscription XSP13103 MICROSOFT XSP13106 O_A * Resource group Create new Use existing MigrationWiz
Performance Standard Premium * Secure transfer required Disalified Enabled * Subscription XSP13103 MICROSOFT XSP13106 O_A * Resource group Create new Use existing MigrationWiz
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 ★ Subscription XSP13103 MICROSOFT XSP13106 O_A ✓ ★ Resource group ♦ Create new Use existing MigrationWiz ✓
XSP13103 MICROSOFT XSP13106 O_A ✓ * Resource group ● Create new Use existing MigrationWiz ✓
* Resource group Create new Use existing MigrationWiz
Create new Use existing
MigrationWiz
Virtual networks
Configure virtual networks
Disabled Enabled
Data Lake Storage Gen2 (preview)
Hierarchical namespace 0
Disabled Enabled
Pin to dashboard
Create Automation options



11. This will take just a few minutes to spin up but once it's done, you will get an alert and you can click to go directly to the resource

Microsoft Azure			resources, services, and docs $ imes$	>_ 🕸 😳 🛛 🕾 🛛 📀
Create a resource	Dashboard \checkmark + New d	ashboard 🚡 Upload	ע Download 🖉 Edit 🖒 Share 🖓 Full screen 🗗 Clone 🖞	Notifications X Dismiss: Informational Completed All
i ∃ All services	All resources		Azure getting started made easyl	Deployment succeeded 12:34 PM
	ALL SUBSCRIPTIONS	C Refresh		Deployment 'Microsoft_StorageAccount-20180/06123352' to resource group 'MigrationWiz' was successful.
🗔 Dashboard	cs2997b1e82bbb4x4a3fxa69	Storage account	on Azure in a few quick steps	Go to resource ★ Pin to dashboard
III resources	Zeus Zeus-ip	Virtual machine Public IP address	Create DevOps Project	k
📦 Resource groups	Console	Virtual machine		
🔇 App Services	···· Titans-vnet	Virtual network	Quickstarts + tutorials	
A Desider have	deathstar1	Virtual machine		
Function Apps	Test124	Log Analytics	Windows Virtual Machines 🛙	
👼 SQL databases	AntiMalware(Test124)	Solution	Provision windows server, SQL Server, sharePoint VMs	
S Azure Cosmos DB		Storage account		
_	ASR_test	Network security gro	Provision Ubuntu, Red Hat, CentOS, SUSE, CoreOS VMs	
Virtual machines	ING ASR-LNG	Local network gateway		
🚸 Load balancers	↔ ASR-vnet	Virtual network	App Service 🗷	
Storage accounts	ASR-VNG	Public IP address	Create Web Apps using .NET, Java, Node.js, Python, PHP	
 Virtual networks 		See more	Functions 12 Process events with a serverless code architecture	
Azure Active Directory		m		

12. Once you have the blade open for the storage account you just created, under Settings, Click **Access Keys.** Take not of the storage account name and the key1 value. You will need these for the migrationwiz part of the project:

Microsoft Azure		🔎 Search resources, services, and docs 🛛 × 🕼 ≻ 🍪 😳 🕐 🕀
«		
+ Create a resource	migrationwizzz - Access keys storage account	* ×
i∃ All services		Use access keys to authenticate your applications when making requests to this Azure storage account. Store your access keys securely - for example, using Azure Key
FAVORITES	Overview	Vault - and don't share them. We recommend regenerating your access keys regularly. You are provided two access keys so that you can maintain connections using one key while regenerating the other.
👼 SQL databases	Activity log	When you regenerate your access keys, you must update any Azure resources and applications that access this storage account to use the new keys. This action will not interrupt access to disks from your virtual machines. Learn more
🧭 Azure Cosmos DB	Access control (IAM)	Storage account name
Virtual machines	I Tags	migrationwizzz
💠 Load balancers	X Diagnose and solve problems	key1 Č)
Storage accounts	🛒 Storage Explorer (preview)	Key mi-rawaku/ascrawa/rationen/actio
↔ Virtual networks	SETTINGS	
Azure Active Directory	Access keys	DefaultEndpointsProtocol=https:AccountName=nng_tionwizzz.AccountKey=t0Lt7AxqhJy43ECo8olQfEZ35fL7GHv764t8AnsRl0cfk79Q2ybgWk8P0WyiOW5O
🙆 Monitor	Configuration	keyz ČŽ
🌩 Advisor	Shared access signature	Key yEe9Ui2576RWKzi2/Kcl/XpeXKLcE8LvvsgIm+COKNKUFpNWW+wdki3htAk5fCL037coRpGOWFEC0icC24ftg==
Security Center	Firewalls and virtual networks	Connection string
O Cost Management +	Properties	DefaultEndpointsProtocol=https;AccountName=migrationwizzz;AccountKey=yEe9Ui2576RWKzi2JYcl/XpeXKLcE8LwsgIm+COKNKUFpNWW+wdkl3ltAk5fCL0
Help + support	Locks 🗸	
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13. Next, scroll down to the Blob Service section and click on Containers.



14. There are a couple of different scripts you can run to put the File Share data in Azure.

Option A: You upload the file share and each folder is a different container. This require you to clone the project in MigrationWiz for each container you have. I do not recommend this option if you have many folders:

Home > migrationwizzz - Containers					
migrationwizzz - Containers ^{Storage account}					*
	+ Container 🖏 Refresh 💼 Delete				
Locks	Storage account: migrationwizzz				
	♀ Search containers by prefix				
Automation script	NAME	LAST MODIFIED	PUBLIC ACCESS	LEASE STATE	
BLOB SERVICE	bittitan	7/6/2018, 1:13:31 PM	Private	Available	
Containers	documents	7/6/2018, 1:13:47 PM	Private	Available	
S CORS	powershellscripts	7/6/2018, 1:13:49 PM	Private	Available	
Custom domain	processes	7/6/2018, 1:13:54 PM	Private	Available	
a Soft delete	professionalservices	7/6/2018, 1:13:56 PM	Private	Available	
Azure CDN	shares	7/6/2018, 3:15:06 PM	Private	Available	
🙆 Add Azure Search	technicalresources	7/6/2018, 1:15:12 PM	Private	Available	
FILE SERVICE					
🔇 CORS					

Ν



Option B: You create a new container and upload the File Share to that container. Your folder structure remains the same and this only requires one migration project in BitTitan. If you want to go with this option, just click on the **+Container** button at the top of the toolbar

ne > migrationwizzz - Container: grationwizzz - Contain	ners						
e account		Container C) Refrech 🟛 Delete					
Search (Ctrl+/)	*						
Locks	•	Storage accor, Chigrationwizzz					
Automation script		✓ Search container by prefix					
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Containers		bittitan	7/6/2018	, 1:13:31 PM	Private	Available	
TORS	11	documents	7/6/2018	, 1:13:47 PM	Private	Available	
Curtom domain	1.1	powershellscripts	7/6/2018	, 1:13:49 PM	Private	Available	
Custom domain	11	processes	7/6/2018	, 1:13:54 PM	Private	Available	
	11	professionalservices	7/6/2018	, 1:13:56 PM	Private	Available	
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Add AZUR'S SEARCH Files Files Files SERVICE Files Files Search (Ctrl+/) Overview Access Control (IAM) TINGS Access policy Properties	s > shares	Image: Contract of the second seco	MODIFIED 7/6/2018, 3:21:47 PM	Create snapsh	ot Size 258.75 KiB	Available Available	S
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Prep Work Phase 2: Prepare SharePoint

- Office 365 SharePoint NR Search in SharePoint + Create site + Create news post Following \times Your intranet in your pocket Get easy access to your organization's sites, news, content and people anytime, anywhere. \star Test Get the mobile app Recent Test \star Frequent sites Featured links 🖉 Edit Test Group Team Site You viewed How To Use This Library 4 hours ago NR Document is popular ~ You viewed Home 4 hours ago NR
- 1. Login to SharePoint as administrator and create a new Sharepoint Site



2. Choose Team Site

Create a site

Choose the type of site you'd like to create



Share documents, have conversations with your team, keep track of events, manage tasks, and more with a site connected to an Office 365 group.



Communication site Publish dynamic, beautiful content to people in your organization to keep them informed and engaged on topics, events, or projects.

3. Give the site a name





4. Add Additional Owners/Members and click Finish



5. Once the site is created, take note of the URL of the root level of the site. We will need this for the BitTitan project





6. Next click +New and then select Document Library



7. Add a name for the document library and take note of this name. You will need it for the BitTitan project

Create doc	ument library	
Name *		
Shares		
Descript A n		
✓ Show in site	e navigation	
Create	Cancel	



Migration Phase 1: Upload File Share to Azure

- 1. Login to local DC or wherever the File Share is located.
- 2. Take note of root path in which the files are stored. Example: "C:\"
- 3. Download and extract all files for the UploaderWiz utility using this link





4. Open a CommandPrompt and cd to this location on the computer:



5. Here is where we have the option to run 1 of 2 scripts, depending on which option you want to go with as detailed in step 14 of the "Prep Work Phase 1" section.

Option A:

#Creating Different Containers for each folder#

UploaderWiz -accesskey migrationwizzz -secretkey t0Lt7AxqhJy43ECo8oiQfEZ3SfL7GHv764t8AnsRl0cfkY9Q2ybgWk8P0Wyi0W5OsbSpaIXIuIl/XsP+SZF5pQ== -type azureblobs -rootpath C:\shares -homedrive true

This would be my script based on what I have showed you so far.



Option B:

#One Container for my File Share# UploaderWiz -accesskey "xxxxxxx" -secretkey "xxxxxxxxxxxxxxxxxxxxx" -type azureblobs -rootpath "xxxxxxxx" -container "containername"



6. One you click enter the script will begin running and give you a status of how much is moving:





🔤 Administrator: Command Prompt - UploaderWiz -accesskey migrationwizzz -secretkey t0Lt7AxqhJy43ECo8oiQfEZ3SfL7GHv764t8AnsRl0 — 🛛 🛛	<
Source: C:\shares\Professional Services\PS SKUs.xlsx	^
Source: C:\shares\Professional Services\BitTitan Migration Playbook Exchange 2007+ to Office 365.csv	
Source: C:\shares\Professional Services\Documentation\ASR.docx	
Source: C:\shares\Professional Services\Documentation\Intune.docx	
Source: C:\shares\Professional Services\ Professional Services Quick Reference _Sales Engineering (2) (1).pdf	
Source: C:\shares\Professional Services\Documentation\VPN.docx	
Source: C:\shares\Professional Services\Updated_SOW.report.xlsx	
Source: C:\shares\Professional Services\SOWs\Pro Services Proposal Template.docx	2
Source: C:\shares\Professional Services\Documentation\ADConnect.docx	
Source: C:\shares\Professional Services\ rofessional Services Offerings.docx	
Source: C:\shares\Professional Services\PS.for.CSA.pptx	
Failed transfers: None.	
Original container input name:Technical Resources. New container name:technicalresources. Traversing sub-directory C:\shares\Technical Resources under root container: technicalresources	e
Exploring the system for items to transfer. This may take a few minutes depending on the number of files	~

Note It will tell you if there are any failed transfers

7. Once this is done, you can go back to the Azure Portal>Storage Account>Blob Services>Containers to verify that the share uploaded correctly

Home > migrationwizzz		
migrationwizzz Storage account		* ×
✓ Search (Ctrl+/)	x 🔚 Open in Explorer $ ightarrow$ Move 💼 Delete 🕐 Refresh	
A	Resource group (change) Performance MigrationWiz Standard	-
Encryption	Status Replication Primary: Available, Secondary: Available Read-access geo-redundant storage (RA-GRS)	
Shared access signature	Location Account kind South Central US, North Central US Storage (general purpose v1)	
Generalis and virtual networks	Subscription (change) XSP13103JMICROSOFTJXSP13106J0_ARWS-Q8751-13103_22923_MS-AZR	
Properties	Subscription ID 997b1e82-bbb4-4a3f-a69d-bf5b2f733b7f	
Locks	Tags (change)	
🛓 Automation script	Click here to add tags	
BLOB SERVICE	Services	
Containers	Blobs Files File shares that use the standard SMB 3.0 protocol	
Custom domain	Configure CORS rules Configure CORS rules Setup custom domain View metrics View metrics	
📹 Soft delete		
Azure CDN	Tables Queues	
📣 Add Azure Search	Tabular data storage	
•	Configure CORS rules Configure CORS rules View metrics View metrics	



Home > migrationwizzz - Containers > sl	hares										
shares											* :
✓ Search (Ctrl+/)	«	⊼ Upload	U Refresh	💼 Delete	🎝 Acquire lease	🐗 Break lease	View snapshots	Create snapsh	ot		
Overview		Location: st	nares								
Access Control (IAM)		Search blo	bs by prefix (case	-sensitive)					Sh	ow deleted blobs	
SETTINGS		NAM	E			мс	DIFIED	BLOB TYPE	SIZE	LEASE STATE	
📍 Access policy		E	BitTitan								
Properties		i	owershell Script	s							
		F	rocesses								
		— t	Professional Serv	ices							
		ו 📄	echnical Resour	ces							
	Ð	📄 k	oittitan-AD1-dire	ctory.metada	ta	7/6	5/2018, 3:21:47 PM	Block blob	258.75 KiB	Available	
	Hie	de the menu fo	r shares pittitan-AD1-erro	r.metadata		7/6	5/2018, 3:16:38 PM	Block blob	66 B	Available	
		📄 t	oittitan-AD1-file.	metadata		7/6	5/2018, 3:21:46 PM	Block blob	243.97 KiB	Available	

me 🔹 migrationwizzz - Containers 💈	> bittitan						
ittitan							
O Search (Ctrl+/)	«	💭 🛪 Upload 🕐 Refresh 💼 Delete 🦇 Acquire lease 🛷 Brea	k lease 🛛 🕥 View snapshots	Create snap	shot		
Overview		Location: bittitan					
Access Control (IAM)		Search blobs by prefix (case-sensitive) Show deleted blobs					
TTINGS		NAME	MODIFIED	BLOB TYPE	SIZE	LEASE STATE	
Access policy	_	BAE to 365 Part 1.mp4	7/6/2018, 1:13:45 PM	Block blob	95 MiB	Available	
Properties		BitTitan Migration Playbook BAE Silversky to Office 365.xls	7/6/2018, 1:13:42 PM	Block blob	275.5 KiB	Available	
		BitTitan Migration Playbook Exchange 2007+ to Office 365.xl	7/6/2018, 1:13:36 PM	Block blob	282 KiB	Available	•
		BitTitan Migration Playbook-BAE Silversky to Office 365.pdf	7/6/2018, 1:13:36 PM	Block blob	1.76 MiB	Available	
		BitTitan Migration Playbook-Exchange to Office 365-Pax8.pdf	7/6/2018, 1:13:39 PM	Block blob	1.72 MiB	Available	
		BitTitan Migration Playbook-G Suite to 365- PAX8.pdf	7/6/2018, 1:13:39 PM	Block blob	2.75 MiB	Available	
		BitTitan Migration Playbook-GoDaddy to Office 365.pdf	7/6/2018, 1:13:37 PM	Block blob	1.62 MiB	Available	
		BitTitan Migration Playbook-GoDaddy to Office 365.xls	7/6/2018, 1:13:36 PM	Block blob	271 KiB	Available	•
		BitTitan Migration Playbook-Office to Office 365.pdf	7/6/2018, 1:13:36 PM	Block blob	1.62 MiB	Available	
		ittitan-AD1-directory.metadata	7/6/2018, 1:13:47 PM	Block blob	12.79 KiB	Available	
		ittitan-AD1-error.metadata	7/6/2018, 1:13:33 PM	Block blob	66 B	Available	



Migration Phase 2: Prepare BitTitan

Now we are ready to create a BitTitan Project

- 1. Sign in to BitTitan.com or register for an account here if you don't already have one
- 2. Click on the waffle icon in the top left corner and select Document Migration

		System issues have been reported, which may in	npact your experienc	e. Click here for	more details.		
C	BitTitan MSPComplete	A	dd 🔻 🗩 Feed	lback 🕜 H	elp • O P	urchase 🔛	
8	provisioning Workgroup	We	lcome to	Ď	2	0	*
6	Getting Started	Learn how to build Punhooke a	nd doliver eter	Document Migration	Public Folder Migration	Cloud Storage Migration	convioos with
æ	Dashboard	MSPComplete. Follow the			G -•	۳Ą-	Services with
Ê	Runbooks			DeploymentPro	UserActivation for	HealthCheck for	
P	Delivery Center				CSP	Office 365	
2	My Tasks			-	G- •	CP	D
	Personal Feed		L L	HealthCheck for Azure	UserActivation	Mailbox Mig-ation	r
ы	Reports	1 Create Runbooks	2 Gener				ixecution
A	All Customers	Create Runbooks from your existing documentation, or browse our Library.	Generate cost est you	Personal Archive			initor the status of

3. Click Create Project then select Create a Document Project and click Next Step





4. Name the Project and click new to create a new customer, then click Next Step

BitTitan MSPComplete > Migra	tionWiz	
III CREATE PROJECT		
PRÓJECT TYPE	E PROJECT INFORMATION	
PROJECT INFORMATION		Document
SOURCE SETTINGS 0		With Document Projects, automatically transfer all your data (including your entire folder hierarchy) from one cloud storage
DESTINATION SETTINGS		solution to another, from a single interface.
	Project Name*	
	File Share Migration	
	Customer*	
	SharePoint Test	V New
		Vext Stee

5. On the Source Settings, click new to add a new endpoint. Name the endpoint and from the dropdown select **Azure File System**

MSPComplete > Migrat	tionWiz ↑ Create Project	ភ្នំ New Endpoint
III CREATE PROJECT		
₽ PRÓJECT TYPE	Source services	Endpoints
D PROJECT INFORMATION		Endpoints are sets of credentials that allow MSPComplete to establish a connection to a server or Service (like an 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.
SOURCE SETTINGS		O 📑 Learn About Adding Endpoints
DESTINATION SETTINGS D		Details
		Endpoint Name
		File Share
		Endpoint Type
		Select an endpoint type
		Select an endpoint type
		Azure File System
		Box 1/2
		Dropbox
		Google Drive
		Office 365 Groups
		OneDrive for Business
		SharePoint
		Close Add



6. Grab your Storage Account Name and Access key we noted in step 12 of Prep Work Phase 1. After you have filled out the fields, click Add

က် New Endpoint
Endpoints Endpoints are sets of credentials that allow MSPComplete to establish a connection to a server or Service (like an 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.
Details
Endpoint Name
File Share
Endpoint Type
Azure File System
Storage Account Name
migrationwizzz
Access Key
·····

Close Add



7. This will give you a summary, click Next Step

dpoint*	
File Share	×v Ne
Azure File System	Edit endpoi
Using Administrator Login: True	
Use Windows Authentication: False	
Storage Account Name: migrationwizzz	
Access Key: *******	
	_



8. Click new for the destination settings, give the endpoint a name and select **SharePoint** from the dropdown

ភ្លំ New Endpoint
Endpoints Endpoints are sets of credentials that allow MSPComplete to establish a connection to a server or Service (like an 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.
Details
Endpoint Name
365 SharePoint
Endpoint Type
Select an endpoint type
Select an endpoint type
Box
Dropbox
Google Drive
Office 365 Groups
OneDrive for Business
SharePoint





 Add the root level URL of the SharePoint site we created and took note of in step 5 of Prep Work Phase 2. Then add the 365 administrator creds you used to set up the SharePoint site

ക് New Endpoint		
Learn About Adding Endpoints		
Details		
Endpoint Name		
365 Sharepoint		
Endpoint Type		_
SharePoint		T
URL		_
https:// s.sharepoint.com/sites/Migration		
Administrator Username		_
;@v .com		
Administrator Password		
	_	۲
	Close	Add



10. This will give you a summary of the endpoint, click Save Project

65 SharePoint	X∨ Ner
iharePoint	Edit endpoir
RL: https:// .sharepoint.com/sites/Migration	
Ising Administrator Login: True	
se Windows Authentication: False	
dministrator Username: @\	
dministrator Password: ******	
5	

11. Next you will see a summary of the entire project Click Save Project

PROJECT SUMMARY	
SOURCE	DESTINATION
4	۵>
File System	SharePoint Online v1
Items Available for Migration Documents Permissions Ø Migration Guides	Ø Need Help?
Here are relevant Migration Guides:File Server File Shares to SharePoint Online Migration Guide	 Here are some Knowledge Base articles related to your current configuration: Document Migration Best Practices More Articles: Knowledge Base
	✔ Save Project



12. Here we can click Quick Add to add our Document library. *Note* this is the actual name I gave my document library when I created it in Sharepoint. If you are only adding one library. Click Save Item and Close

to Quick Add Iter	m		
SOURCE			📕 FILE SYSTEM
This configuration does not require	e additional cred	lentials.	
Ø DESTINATION			SHAREPOINT ONLINE V1
Library			
Shares			
	5		
	× Cancel	✓ Save Item And Close	+ Save Item And Add Another

13. Next we will want to go to Edit>Advanced Options

BitTitan MSPComplete > MigrationWiz ↑ File Share Migration										
provisioning Workgroup Workgroup	🖉 Edit Project 👻 😌 👻 🚱 🕨 💌 🚺	ŧ •> ⊡ +								
All Customers 🗸 🗸	🖉 Edit Project 🛛 🖉	Last Updated								
🕲 Dashboard	Clone Project	Jul 6, 2018 7:01pm								
All Projects	Aguanced Options									
PPOIECTS										



14. In the "Support Section" Copy and paste the following:

- ShrinkFoldersMaxLength=200
- FolderLimit=20000
- RenameConflictingFiles=1
- InitializationTimeout=28800000

▼ SOURCE: FILE SYSTEM		1 LICENSING			
Container Name 🛿		Amaximum number of licen	ises to consume per item: 🛛		
migrationwiz		1			
DESTINATION: SHAREPOINT UNLINE VT					
There are no import options available for this De	stination.	Preferred BitTitan Datacer	nter: 0		
		United States			•
III AUDIT LOG OPTIONS ?		Maximum number of cond	current migrations: 🧕		
Audit Log Type		100			
Select One	×	Maximum number of erro	rs per migration: 📀		
		100			
		Do not retoy errors			
		- bonoricity chois.	-		
		M SOPPORT			
		Support Options			
		ShrinkFoldersMaxI	Length=200		+
		FolderLimit=20000)		+
		RenameConflicting	gFiles=1	*	+
		InitializationTimeo	ut=28800000		+
		Do not search Destinat	tion for duplicates		
		O Before editing these	options, contact Support.		
	¥ Cancel		🖋 Cana 💷		
	~ Cancer		Jave		



15. In the "Source File System" section, type in the name of your container in Azure, then click save

MSPComplete > MigrationWiz ↑ Advanced Opt	ions: File Share Migration	Feedback 🟙 Projects 🕹 Help 👻 🤨 Purchase 🕹 Account 👻 🏢
Destination Email Address To me (provisioning@paa8.com) Additional recipients Enter additional email addresses, separated by commas.	Confyring a centre inter a configuration of the specified date. I Only migrate items older than the specified date. Filter folders (RegEx) Example: ^Deleted Items	180 Log subjects of failed items Remigrate previously successful items. Remigrate previously failed items.
Send failed migration email notifications to:		
Source Email Address Destination Email Address	▼ SOURCE: FILE SYSTEM	
To me (provisioning@pax8.com)	Container Name 🛛	Maximum number of licenses to consume per item: 0
Additional recipients	shares	1
Enter additional email addresses, separated by commas.		
Success Failed Credentials	▼ DESTINATION: SHARE POINT ONLINE V1	
Customize the "successful migration" email.	There are no import options available for this Destination.	Preferred BitTitan Datacenter: 💿
Subject	3	United States 🔻
	III AUDIT LOG OPTIONS V	Maximum number of concurrent migrations: 0
	Audit Log Type	100

NOTE if you are migrating multiple file shares this is now the time to start cloning your project.

- If you have different document libraries for each file share then you will need to add them
- You will need to change the Source file system value in the Advanced Option section for each cloned project/document library





Clone This Project

🗊 New Project Name

Enter a name for the new project

Cloned projects retain the original project's configuration, including Source and Destination settings. Otherwise, your new project will be empty.





16. Select the Document Library and click Verify Credentials

	▶ Start ▼ II Stop 👕 न	□ + C ≡ -			Ş
😑 🔺 Destination Library	Verify Credentials	Last Updated	Migrated	Error	Status
፼ *	Trial Migration	Jul 6, 2018 1:36pm	0 bytes	0	Not Submitted
	E Full Migration				
1					

17. The "Status" column will go into Submitted, then Queued, the failed/Completed. You can click on the refresh button on the tool bar to refresh the status

✓ Edit Project ▼ ● Add ▼ ♥ Change Domains ► Start ▼ II Stop 1 0	□ + C = -				♦ Sort ▼	▼ Filter ▼	Search
Destination Library	Last Updated	Migrated	Error	Status			
■ ★	Jul 6, 2018 1:40pm	0 bytes	0	N Queued			
		3					

18. If your status goes into Failed then you can click on the message to see why the error occurred. Typically, you either have the wrong URL at the destination or the wrong credentials for the admin user. You can go to Edit Project to modify your project settings

OLDER SUMMARY			MIGRATED ITEMS			A MIGRATION ERRORS
lo Data.			Туре	Success	Errors	▲ Your migration failed checking destination credentials. The remote server ed an error: (403) Forbidden.
'his item hasn't started migratin	g		Total	0 (0 bytes)	0 (0 bytes)	Destination Server 2 minutes ago
of 0 folders completed.						
						N
						42
						0 Errors 1 Warnings Need Help? Contact
Data Migrated	Items Migrated	Transf	er Speed			





19. You will get a completed verification message once this is successful

itionWi	Z ↑ File Share	Migration						Feedback	🚺 Projec	ts 🕹 Help 👻	6	Purchase	🛎 Account 👻	
🖉 Edit P	Project 👻 🕀 👻	0	II 🛊		⊡ ÷	c	= -			⇔ •	r -			
•	Destination Lib	rary		Last Upd	lated			Migrated	Error	Status				
•	Shares			Jul 6, 201	8 3:25pm			0 bytes	0	✓ Completed	(Verifica	tion)		1



1. We can now select our document library and select Full Migration



2. Click Start Migration

Start Full Migration	
What is a Full Migration? 🕜	
Jse this type of migration for Big Bang (Single-Pass) Migrations, or fo	r following an earlier Pre-Stage Migration.
1 Items Selected	0 will migration using licenses.
• 0 Cannot Migrate	0 will migrate using subscriptions.
Select what you want to migrate: Documents Permissions 	Remember my selection for this Project.
Migration Scheduling	
Automatically start the migration at	
	X Cancel Start Migration



3. We will see a status bar and how much data has moved over as the migration is going

,	Edit Pı	roject 🔻	0 -	0 ▶	- II	î	Ð	□ +	c	≡ -			≑ -	T -	Search	
	*	Destinati	on Library				Last Up	dated			Migrated	Error	Status			
	*	Shares					Jul 6, 201	18 6:16pm			3.92 MB	0				/ 1
														-		

4. Once the data move is complete, we will get a completed status

Edit P	roject 🕶 🗢 🗣 🕨 👻 🔢 👕	n EI + C ≡ -			🛛 🕶 🔻 🕶 Search
*	Destination Library	Last Updated	Migrated	Error	Status
*	Shares	Jul 6, 2018 7:01pm	3.28 GB	6	✓ Completed

5. We can then go into our SharePoint document library and verify that the data has been moved

iii Office 365 Sha	rePoint	¢ ? (8
Search Home	M Migration Private group	Following
Documents	$+$ New \vee \rightarrow Upload \vee \bigcirc Sync \blacksquare Export to Excel $_{p}\sigma$ Flow \vee \cdots	\equiv All Documents \lor \bigtriangledown ①
Notebook Pages	Shares	
Migration	□ Name ∨ Modified ∨ Modified By ∨ + Add column	
Shares	BitTitan About an hour ago Nick Ross	
Site contents	Documents About an hour ago Nick Ross	
Recycle bin	Powershell Scripts About an hour ago Nick Ross	
6 Eur	Processes About an hour ago Nick Ross	
	Professional Services About an hour ago Nick Ross	
	Technical Resources About an hour ago Nick Ross	
Return to classic SharePoint	Ν	Feedback



6. Perform these steps for each cloned project

Post Migration Clean Up

1. Verify that all data has been moved over and is in the correct structure in SharePoint

NOTE After this has been verified we want to Delete all the Azure blob containers that were created during the upload to Azure.

2. Log Back into the Azure Portal and go back to your Storage Account. We can delete containers individually or just delete then entire Storage account itself





Hom mic Stora	> migrationwizzz prationwizzz ge account						* >
2	Search (Ctrl+/)	«	☐ Open in Explorer → Move	Delete 🖸 Refres	h		
	Overview	•	MigrationWiz	Delete	Stand	dard	
	Activity log		Status Primary: Available, Secondary: Availa	ble	Read	ication I-access geo-redundant storage (RA-GRS)	
	Access control (IAM)		Location South Central US, North Central US		Acco Stora	unt kind age (general purpose v1)	
	Tags		Subscription (change)				
*	Diagnose and solve problems		Subscription ID 997b1e82-bbb4-4a3f-a69d-bf5b2f73	33b7f			
-	Storage Explorer (preview)		Tags (change) Click here to add tags				
SET	INGS		Services		*		
Ŷ	Access keys		Scivices				
	Configuration		Blobs REST-based object storage	se for unstructured data	Files	nares that use the standard SMB 3.0 protocol	
	Encryption		Configure CORS rules		Config	gure CORS rules	
Ð	Shared access signature		Setup custom domain View metrics		View	metrics	
~;;	Firewalls and virtual networks						
÷1+	Properties		Tables		Que	Jes	
	Locks	•	Configure CORS rules		Config	gure CORS rules	
t	Containe	rs					
	Files						
	Tables						
	Queues						
	This action ca 'migrationwiz	innot be zz' and i	undone. This will permanently its contents.	⁷ delete storage acco	punt		
Ţ	ype the name of the stor	rage acco	ount (migrationwizzz) to confir	m:			
	migrationwizzz				✓		

3. Decommission the local File Server if applicable