**Create a new site collection using PowerShell**

A team site is the most common type of site template used in SharePoint. As the name suggests, team sites are created for individual teams, departments, functional groups, etc. for team collaboration. You can create a modern site collection in SharePoint Online by specifying the site template as “STS#3”. Here is how to create a new SharePoint Online site with PowerShell:

**Follow below steps to create site using Powershell**

1. Install SharePoint Online Management Shell
2. Connect SharePoint Online service

*Connect-SPOService -Url https://OrgName-admin.sharepoint.com*

A computer screen capture

Description automatically generated with medium confidence

1. Create a Team Site

*New-SPOSite*

*-Url https://contoso.sharepoint.com/sites/accounting*

*-Owner admin@contoso.com*

*-Template STS#3 //Team Site*

*-StorageQuota 100*

*-ResourceQuota 50*

*Example : New-SPOSite -Url https://jenkinsnsfs.sharepoint.com/sites/PowershellTeamsite -Owner admin@jenkinsnsfs.onmicrosoft.com -Template STS#3 -StorageQuota 100 -ResourceQuota 50*

1. Create a communication site

*New-SPOSite*

*-Url https://contoso.sharepoint.com/sites/accounting1*

*-Owner $SiteOwner*

*-Template "SITEPAGEPUBLISHING#0" //Communication Site*

*-StorageQuota 2048*

*-Title $SiteTitle*

*Example : New-SPOSite -Url https://jenkinsnsfs.sharepoint.com/sites/PowershellCommSite -Owner admin@jenkinsnsfs.onmicrosoft.com -Template "SITEPAGEPUBLISHING#0" -StorageQuota 2048 -Title "Comm Site using Powershell"*

**Create a SharePoint Online Site Collection using PowerShell script as program:**

Let’s add some error handling and make the script bit more flexible for SharePoint Online to create a site collection with PowerShell.

#powershell to create site collection sharepoint online

Function Demo-SPOSite

{

param

(

[string]$Title = $(throw "Please Provide the Site Title!"),

[string]$URL = $(throw "Please Provide the Site URL!"),

[string]$Owner = $(throw "Please Provide the Site Owner!"),

[int]$StorageQuota = $(throw "Please Provide the Site Storage Quota!"),

[int]$ResourceQuota = $(throw "Please Provide the Site Resource Quota!"),

[string]$Template = $(throw "Please Provide the Site Template!")

)

#Connection parameters

$AdminURL = "https://jenkinsnsfs-admin.sharepoint.com/"

Try{

#Connect to Office 365

Connect-SPOService -Url $AdminURL

#Check if the site collection exists already

$SiteExists = Get-SPOSite | where {$\_.url -eq $URL}

#Check if site exists in the recycle bin

$SiteExistsInRecycleBin = Get-SPODeletedSite | where {$\_.url -eq $URL}

If($SiteExists -ne $null)

{

write-host "Site $($url) exists already!" -foregroundcolor red

}

elseIf($SiteExistsInRecycleBin -ne $null)

{

write-host "Site $($url) exists in the recycle bin!" -foregroundcolor red

}

else

{

#sharepoint online create site collection powershell

New-SPOSite -Url $URL -title $Title -Owner $Owner -StorageQuota $StorageQuota -NoWait -ResourceQuota $ResourceQuota -Template $Template

write-host "Site Collection $($url) Created Successfully!" -foregroundcolor Green

}

}

catch {

write-host "Error: $($\_.Exception.Message)" -foregroundcolor Red

}

}

#Parameters to create new site collection

$SiteTitle = "Demo Powershell"

$SiteURL= "https://jenkinsnsfs.sharepoint.com/sites/demospowershell01"

$SiteOwner = "admin@jenkinsnsfs.onmicrosoft.com"

$StorageQuota = 1000

$ResourceQuota = 300

$SiteTemplate = "STS#3"

#Call The function to create new sharepoint online site using powershell

Demo-SPOSite -Title $SiteTitle -URL $SiteURL -Owner $SiteOwner -StorageQuota $StorageQuota -ResourceQuota $ResourceQuota -Template $SiteTemplate

**Result**

Site Collection https://jenkinsnsfs.sharepoint.com/sites/demospowershell01 Created Successfully!

PS C:\WINDOWS\system32>