Read domain list from CSV and export email domain data.

Hi there

After working on a project where we had 30 domains to be migrated over between two different Office 365 tenants I picked one of the tasks and I'm posting there the challenge and its PowerShell script that might be helpful

We had to identity from an exported email domains data with DisplayName, UserPrincipalName, PrimarySmtpAddress and EmailAddresses

The**test-fulllist.csv** file it's an output from the following powershell commad / export

**PowerShell**

Get-Mailbox -ResultSize Unlimited |**Select-Object** DisplayName,UserPrincipalName,PrimarySmtpAddress, @{Name=“EmailAddresses”;Expression={$\_.EmailAddresses |Where-Object {$\_.PrefixString -ceq “smtp”} | **ForEach**-Object {$\_.SmtpAddress}}} | **Export-CSV** C:\temp\test-fulllist.csv

**Main Script**

**PowerShell**

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# Read all upn, email address, proxysmtpaddress and primarysmtpaddress from a CSV file and breaks into current users with specified domain name and users with different upn who have email on specified domain

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#Redirects all powershell output to a file

#define reprot folder

$reportfolder = "report1"

#start transcript

**Start-Transcript** -Path "C:\temp\$reportfolder\Log-$(get-date -format 'MM\_dd\_yyyy-HH-mm').txt"

#domain list file

$domainlist1 = **Get-Content** .\domainlist.txt

#loop

**foreach** ($domain **in** $domainlist1) {

write-host $domain -ForegroundColor Blue

#define variable for the search domain

$searchdomain = $domain

write-host "users with domain:" $searchdomain "in PrimarySmtpAddress" -ForegroundColor Yellow

$find1 = (**import-csv** .\test-fulllist.csv | Where-Object {$\_.primarysmtpaddress -like "\*@$searchdomain\*"}).count

write-host $find1 -ForegroundColor Red

#export current users on specified domain

**import-csv** .\test-fulllist.csv | Where-Object {$\_.primarysmtpaddress -like "\*@$searchdomain\*"} | **select** DisplayName,UserPrincipalName,PrimarySmtpAddress | **Export-Csv** -NoTypeInformation -Encoding UTF8 C:\Temp\$reportfolder\current-users-on-$searchdomain.csv

#list users at different domains with this domain on proxysmtpaddress

write-host "users with domain:" "$searchdomain" "in EmailAddress that are from other domains" -ForegroundColor cyan

$find2 = (**import-csv** .\test-fulllist.csv | Where-Object {$\_.emailaddresses -like "\*$searchdomain\*" -and $\_.UserPrincipalName -notlike "\*$searchdomain\*"} | **select** UserPrincipalName).count #| measure

#export users on specified domain with different upn

**import-csv** .\test-fulllist.csv | Where-Object {$\_.emailaddresses -like "\*$searchdomain\*" -and $\_.UserPrincipalName -notlike "\*$searchdomain\*"} | **select** DisplayName,UserPrincipalName,PrimarySmtpAddress | **Export-Csv** -NoTypeInformation -Encoding UTF8 C:\Temp\$reportfolder\$searchdomain.csv

write-host "found" $find2 "users with" $domain "as proxysmtpaddress" -ForegroundColor Green

}

**Stop-Transcript**