

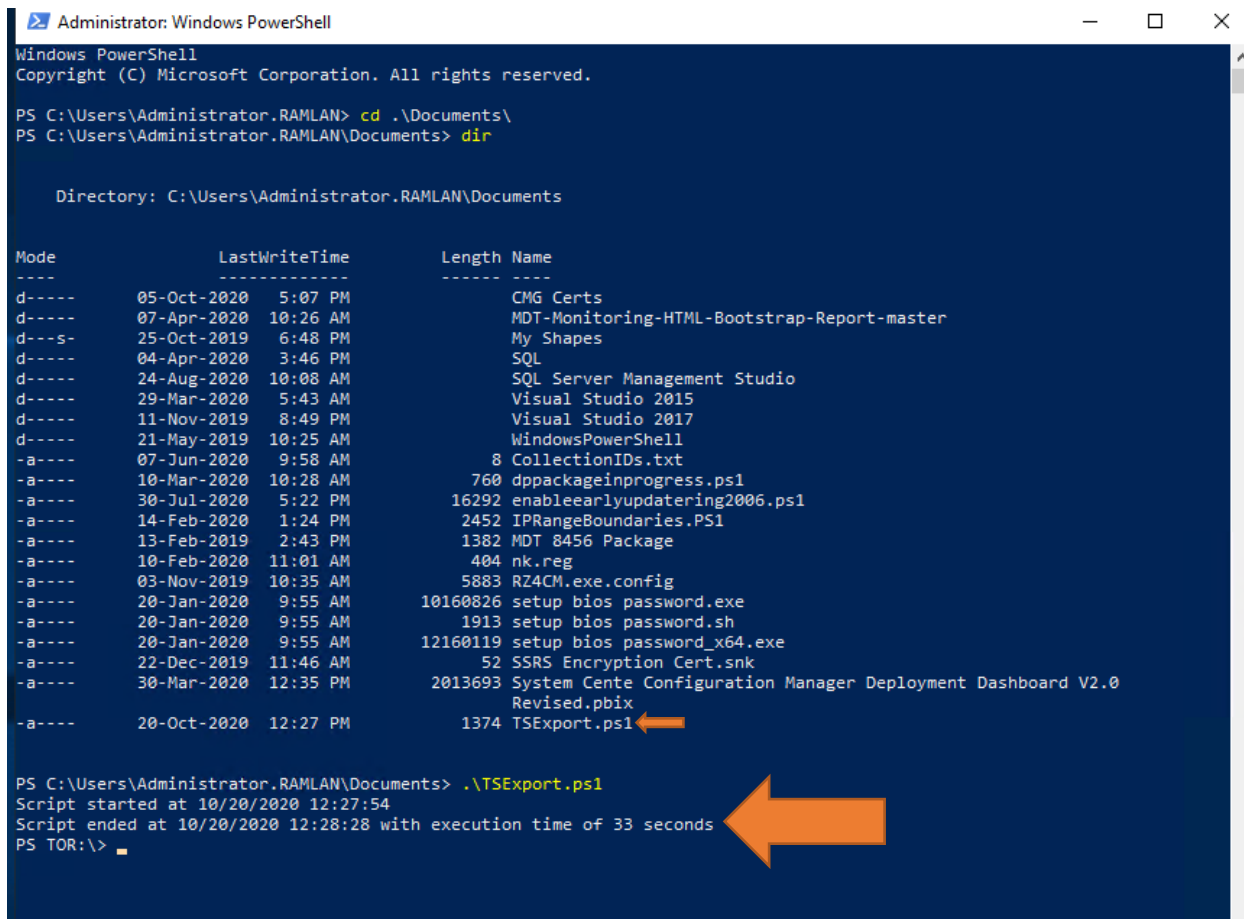
# How to export Task Sequence in Current Branch 2006

In this post, I will show you how to export task sequence using PowerShell script, I downloaded from internet. The script was created by SCCM MVP. I will share the script at end of the document and also identify what you have to change within the script to work properly.

I am doing this for two purpose:

1. For Safety
2. Accidental deletion of task sequence

I copied the script to SCCM Server – Opened PowerShell – Change Directory – Run the script



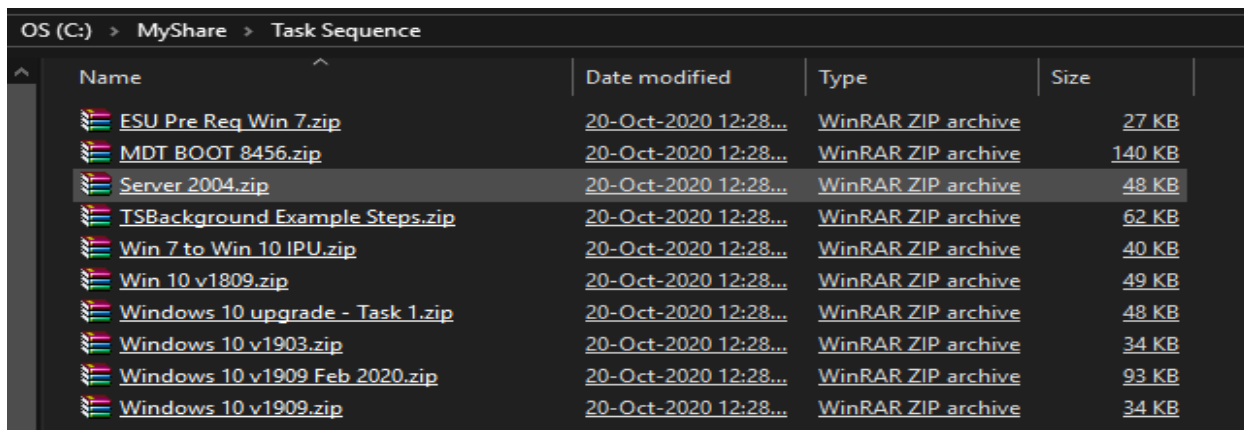
```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\Administrator.RAMLAN> cd .\Documents\
PS C:\Users\Administrator.RAMLAN\Documents> dir

Directory: C:\Users\Administrator.RAMLAN\Documents

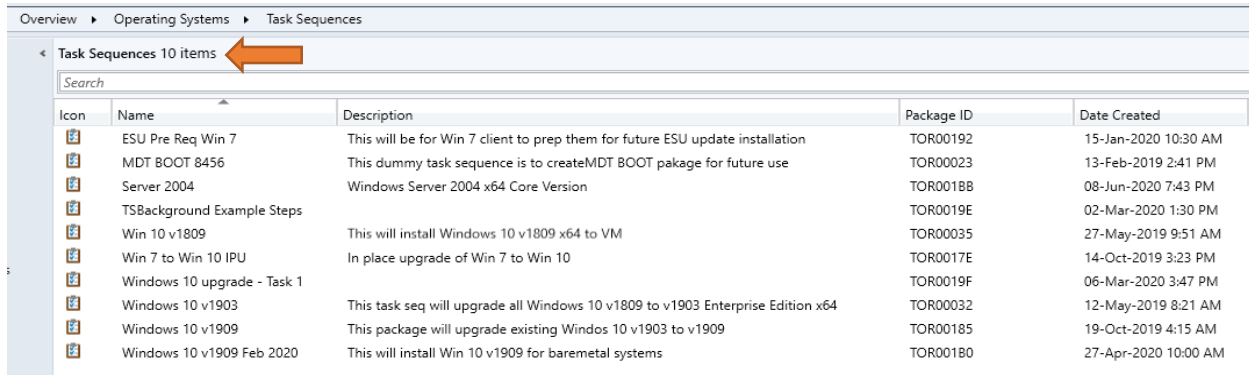
Mode                LastWriteTime         Length Name
----                -
d-----            05-Oct-2020    5:07 PM          CMG Certs
d-----            07-Apr-2020   10:26 AM          MDT-Monitoring-HTML-Bootstrap-Report-master
d---s-            25-Oct-2019    6:48 PM          My Shapes
d-----            04-Apr-2020    3:46 PM          SQL
d-----            24-Aug-2020   10:08 AM          SQL Server Management Studio
d-----            29-Mar-2020    5:43 AM          Visual Studio 2015
d-----            11-Nov-2019    8:49 PM          Visual Studio 2017
d-----            21-May-2019   10:25 AM          WindowsPowerShell
-a-----            07-Jun-2020    9:58 AM             8 CollectionIDs.txt
-a-----            10-Mar-2020   10:28 AM             760 dppackageinprogress.ps1
-a-----            30-Jul-2020    5:22 PM          16292 enableearlyupdatering2006.ps1
-a-----            14-Feb-2020    1:24 PM          2452 IPRangeBoundaries.PS1
-a-----            13-Feb-2019    2:43 PM          1382 MDT 8456 Package
-a-----            10-Feb-2020   11:01 AM          404 nk.reg
-a-----            03-Nov-2019   10:35 AM          5883 RZ4CM.exe.config
-a-----            20-Jan-2020    9:55 AM          10160826 setup bios password.exe
-a-----            20-Jan-2020    9:55 AM          1913 setup bios password.sh
-a-----            20-Jan-2020    9:55 AM          12160119 setup bios password_x64.exe
-a-----            22-Dec-2019   11:46 AM          52 SSRS Encryption Cert.snk
-a-----            30-Mar-2020   12:35 PM          2013693 System Cente Configuration Manager Deployment Dashboard V2.0 Revised.pbix
-a-----            20-Oct-2020   12:27 PM          1374 TSExport.ps1

PS C:\Users\Administrator.RAMLAN\Documents> .\TSExport.ps1
Script started at 10/20/2020 12:27:54
Script ended at 10/20/2020 12:28:28 with execution time of 33 seconds
PS TOR:\>
```



Name	Date modified	Type	Size
ESU Pre Req Win 7.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	27 KB
MDT BOOT 8456.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	140 KB
Server 2004.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	48 KB
TSBackground Example Steps.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	62 KB
Win 7 to Win 10 IPU.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	40 KB
Win 10 v1809.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	49 KB
Windows 10 upgrade - Task 1.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	48 KB
Windows 10 v1903.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	34 KB
Windows 10 v1909 Feb 2020.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	93 KB
Windows 10 v1909.zip	20-Oct-2020 12:28...	WinRAR ZIP archive	34 KB

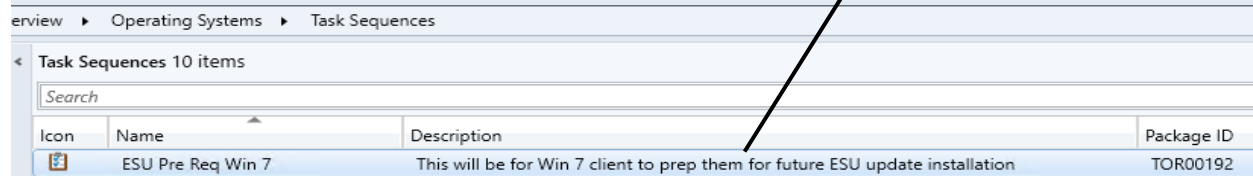
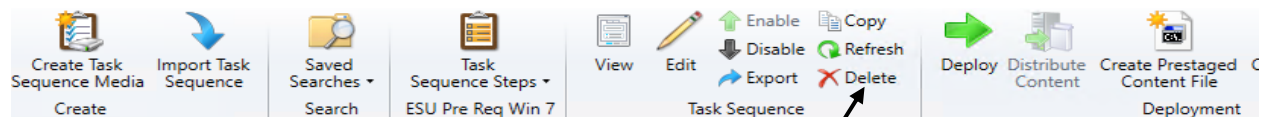
These are my task sequence – 10 in total



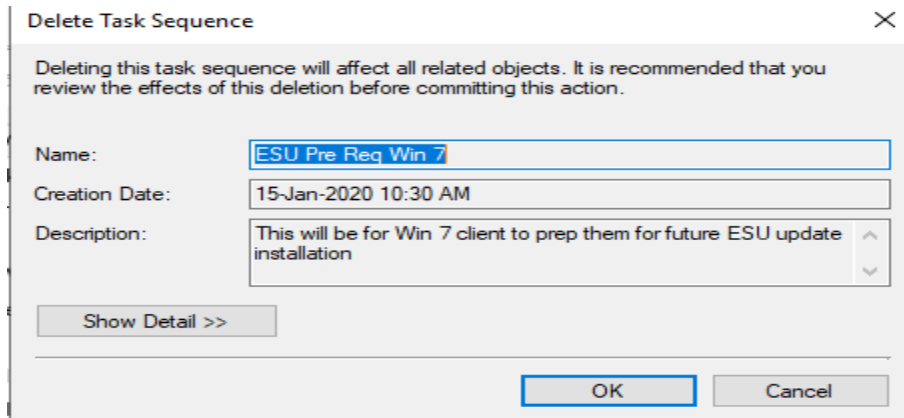
Icon	Name	Description	Package ID	Date Created
	ESU Pre Req Win 7	This will be for Win 7 client to prep them for future ESU update installation	TOR00192	15-Jan-2020 10:30 AM
	MDT BOOT 8456	This dummy task sequence is to create MDT BOOT package for future use	TOR00023	13-Feb-2019 2:41 PM
	Server 2004	Windows Server 2004 x64 Core Version	TOR00188	08-Jun-2020 7:43 PM
	TSBackground Example Steps		TOR0019E	02-Mar-2020 1:30 PM
	Win 10 v1809	This will install Windows 10 v1809 x64 to VM	TOR00035	27-May-2019 9:51 AM
	Win 7 to Win 10 IPU	In place upgrade of Win 7 to Win 10	TOR0017E	14-Oct-2019 3:23 PM
	Windows 10 upgrade - Task 1		TOR0019F	06-Mar-2020 3:47 PM
	Windows 10 v1903	This task seq will upgrade all Windows 10 v1809 to v1903 Enterprise Edition x64	TOR00032	12-May-2019 8:21 AM
	Windows 10 v1909	This package will upgrade existing Windows 10 v1903 to v1909	TOR00185	19-Oct-2019 4:15 AM
	Windows 10 v1909 Feb 2020	This will install Win 10 v1909 for baremetal systems	TOR00180	27-Apr-2020 10:00 AM

You can create a schedule task to run the script every day or every week, so you can have peace of mind, if somebody where to delete the task sequence or task sequence folder entirely from Primary Site.

## How to Delete a task sequence in Current Branch 2006



Icon	Name	Description	Package ID
	ESU Pre Req Win 7	This will be for Win 7 client to prep them for future ESU update installation	TOR00192



**Delete Task Sequence**

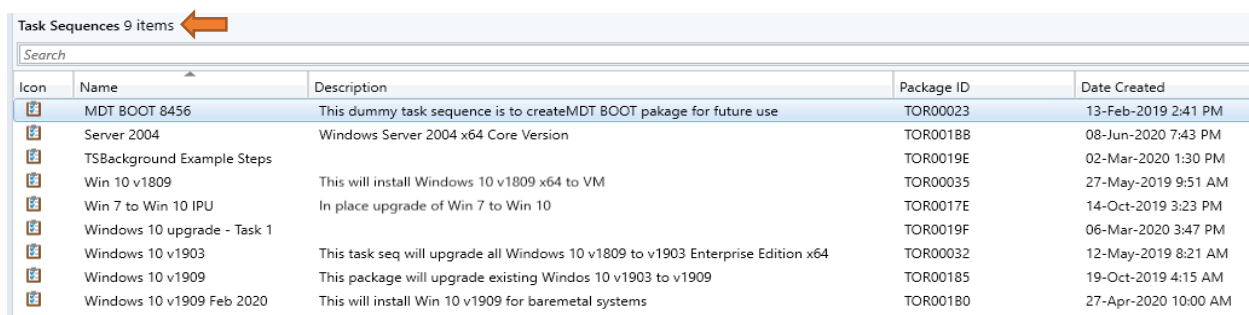
Deleting this task sequence will affect all related objects. It is recommended that you review the effects of this deletion before committing this action.

Name:

Creation Date:

Description:

Now we have 9 task sequence left



Icon	Name	Description	Package ID	Date Created
	MDT BOOT 8456	This dummy task sequence is to create MDT BOOT package for future use	TOR00023	13-Feb-2019 2:41 PM
	Server 2004	Windows Server 2004 x64 Core Version	TOR00188	08-Jun-2020 7:43 PM
	TSBackground Example Steps		TOR0019E	02-Mar-2020 1:30 PM
	Win 10 v1809	This will install Windows 10 v1809 x64 to VM	TOR00035	27-May-2019 9:51 AM
	Win 7 to Win 10 IPU	In place upgrade of Win 7 to Win 10	TOR0017E	14-Oct-2019 3:23 PM
	Windows 10 upgrade - Task 1		TOR0019F	06-Mar-2020 3:47 PM
	Windows 10 v1903	This task seq will upgrade all Windows 10 v1809 to v1903 Enterprise Edition x64	TOR00032	12-May-2019 8:21 AM
	Windows 10 v1909	This package will upgrade existing Windows 10 v1903 to v1909	TOR00185	19-Oct-2019 4:15 AM
	Windows 10 v1909 Feb 2020	This will install Win 10 v1909 for baremetal systems	TOR00180	27-Apr-2020 10:00 AM

We will also find out who deleted the task sequence, so you can catch and warn them not to do it again.

Launch SQL Management Studio and run this script

Select \* from vStatusMessagesWithStrings where MessageID = 30002

The screenshot shows Microsoft SQL Server Management Studio (Administrator) with the following components:

- Object Explorer:** Shows the server 'CB (SQL Server 15.0.4073.23 - RAMLAN\Administrator)' with databases 'System Databases', 'Database Snapshots', 'BICM\_TOR', 'BICM\_TORtempDB', and 'CM\_TOR' (highlighted).
- Query Window:** Contains the SQL query: `Select * from vStatusMessagesWithStrings where MessageID = 30002`
- Results Window:** Displays a table of results with columns: RecordID, MachineID, MachineName, ModuleName, Win32Error, Time, SiteCode, TopLevelSiteCode, InsStrValue1, InsStrValue2, InsStrValue3, and Component. The last row (RecordID 7) is highlighted, and orange arrows point to the MachineID, Time, InsStrValue1, InsStrValue2, and InsStrValue3 columns.

RecordID	MachineID	MachineName	ModuleName	Win32Error	Time	SiteCode	TopLevelSiteCode	InsStrValue1	InsStrValue2	InsStrValue3	Component	
1	72057594040657963	NULL	CB.RAMLAN.CA	SMS Provider	0	2020-05-20 17:08:30.200	TOR	TOR	RAMLAN\Administrator	TOR001B4	lvanti	Microsoft.ConfigurationManagement.exe
2	72057594040658216	NULL	CB.RAMLAN.CA	SMS Provider	0	2020-05-20 18:37:09.143	TOR	TOR	RAMLAN\Administrator	TOR001A8	Windows 10	Microsoft.ConfigurationManagement.exe
3	72057594040658315	NULL	CB.RAMLAN.CA	SMS Provider	0	2020-05-20 19:08:26.837	TOR	TOR	RAMLAN\Administrator	TOR001B5	Win10	Microsoft.ConfigurationManagement.exe
4	72057594040677214	NULL	CB.RAMLAN.CA	SMS Provider	0	2020-05-24 10:06:51.213	TOR	TOR	RAMLAN\Administrator	TOR001A9	Office 2019 Office 365	Microsoft.ConfigurationManagement.exe
5	72057594040758251	NULL	CB.RAMLAN.CA	SMS Provider	0	2020-06-08 18:31:04.773	TOR	TOR	RAMLAN\Administrator	TOR001B9	Server 2004 Core	Microsoft.ConfigurationManagement.exe
6	72057594040758299	NULL	CB.RAMLAN.CA	SMS Provider	0	2020-06-08 18:41:32.227	TOR	TOR	RAMLAN\Administrator	TOR001BA	SRV2004	Microsoft.ConfigurationManagement.exe
7	72057594041487400	NULL	CB.RAMLAN.CA	SMS Provider	0	2020-10-20 16:38:41.547	TOR	TOR	RAMLAN\Administrator	TOR001B2	ESU Pre Req Win 7	Microsoft.ConfigurationManagement.exe

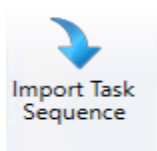
Pay attention to above markers

Now we will restore deleted task sequence. Copy the zip file to sccm server share

The screenshot shows two file explorer windows:

- Top Window:** OS (C:) > MyShare > Task Sequence. It shows a file named 'ESU Pre Req Win 7.zip' with a size of 27 KB, modified on 20-Oct-2020 at 12:28:00. The type is 'WinRAR ZIP archive'.
- Bottom Window:** CB > OS (C:) > Sources >. It shows the same file 'ESU Pre Req Win 7.zip' with a size of 27 KB, modified on 20-Oct-2020 at 12:28:00. The type is 'Compressed (zip...)'. The file icon is a yellow folder with a blue arrow.

Click Import Task Sequence from console





General

- General
- File Content
- Summary
- Progress
- Completion

Select a file to import into the Software Library

Example: \\servername\sharename\file.zip

File:

Administrator comments:



File Content

- General
- File Content
- Summary
- Progress
- Completion

Verify that the file was imported and then specify actions

If this task sequence already exists in the Software Library, Configuration Manager will skip this task sequence unless you modify the action to create a new task sequence.

Name	Type	Action
ESU Pre Req Win 7	Task Sequence Pac...	Create new

Import Task Sequence Wizard

Summary

General  
File Content  
**Summary**  
Progress  
Completion

### Confirm the settings

Details:

Importing Task Sequence Package (1):

- Create new ESU Pre Req Win 7


To change these settings, click Previous. To apply the settings, click Next.

< Previous   **Next >**   Summary   Cancel


Import Task Sequence Wizard

Completion

General  
File Content  
Summary  
Progress  
**Completion**

 **The Import Task Sequence Wizard completed successfully**

Details:

 Success: Imported Task Sequence Package (1):

- Create new ESU Pre Req Win 7

To exit the wizard, click Close.

< Previous   Next >   Summary   **Close**

Overview > Operating Systems > Task Sequences

Task Sequences 10 items

Search

Icon	Name	Description	Package ID	Date Created
	ESU Pre Req Win 7	This will be for Win 7 client to prep them for future ESU update installation	TOR001BE	20-Oct-2020 12:53 PM
	MDT BOOT 8456	This dummy task sequence is to create MDT BOOT package for future use	TOR00023	13-Feb-2019 2:41 PM
	Server 2004	Windows Server 2004 x64 Core Version	TOR001B8	08-Jun-2020 7:43 PM
	TSBackground Example Steps		TOR0019E	02-Mar-2020 1:30 PM
	Win 10 v1809	This will install Windows 10 v1809 x64 to VM	TOR00035	27-May-2019 9:51 AM
	Win 7 to Win 10 IPU	In place upgrade of Win 7 to Win 10	TOR0017E	14-Oct-2019 3:23 PM
	Windows 10 upgrade - Task 1		TOR0019F	06-Mar-2020 3:47 PM
	Windows 10 v1903	This task seq will upgrade all Windows 10 v1809 to v1903 Enterprise Edition x64	TOR00032	12-May-2019 8:21 AM
	Windows 10 v1909	This package will upgrade existing Windows 10 v1903 to v1909	TOR00185	19-Oct-2019 4:15 AM
	Windows 10 v1909 Feb 2020	This will install Win 10 v1909 for baremetal systems	TOR001B0	27-Apr-2020 10:00 AM

Now we have completed the task.

Thanks

**Ram Lan**  
**20<sup>th</sup> Oct 2020**

Here is the script

```
< #
.DESCRIPTION
Exports all configuration manager task sequences without content/dependencies.

Author: Eswar Koneti
Version: 1.0
Date: 24/Jan/2020
#>

#Get the script start time
$starttime=get-date
Write-host "Script started at $starttime"
#import configuration manager powershell module
try {
Import-Module (Join-Path $(Split-Path $env:SMS_ADMIN_UI_PATH)
ConfigurationManager.psd1)
}
catch [System.Exception] {
Write-Warning "Unable to load the Configuration Manager Powershell module from
$env:SMS_ADMIN_UI_PATH" ; break
}
#get the sitecode
$SiteCode = Get-PSDrive -PSProvider CMSITE
Set-Location -Path "$($SiteCode.Name):\"
```

```
#get list of all task sequences
$ts = Get-CMTaskSequence | select Name
foreach($name in $ts)
{
#Replace any unsupported characters with empty space for folder name
$tsname=$name.Name.replace(":", "").replace(", ", "").replace("*", "").replace("?", "").replace("\", ""
).replace("\", "").replace("<", "").replace(">", "")
#export the task sequences to share folder
Export-CMTaskSequence -Name $name.name -WithDependence $false -withContent $false
-ExportFilePath ("\\servername\Task sequence\"+$tsname+ ".zip") -Force
}
#Get script end time
$endtime=Get-date
#Get the script execution time (total)
$Scripttime=($endtime-$starttime).Seconds
write-host "Script ended at $endtime with execution time of $Scripttime seconds"
```

Just change network share path where you want to save the task sequence file in zip format.