



Part to use before each action

```
Import-Module $module
New-PSDrive -Name "DSManager" -PSProvider MDTProvider -Root
$deploymentshare
```

- ❖ **\$module** → Path to the MicrosoftDeploymentToolkit.psd1 file
- ❖ **\$deploymentshare** → Path to your Deployment Share

Basic actions

Create a new folder in a node (for instance a folder Windows 10 in the Operating Systems node)
 New-Item -path "DSManager:\Operating Systems" -enable "True" -Name "Windows10" -Comments "" -ItemType "folder" -Verbose

Remove a folder from a node (for instance folder Windows 10 from the Operating Systems node)
 Remove-item -path "DSManager:\Packages\<OSName>" -force -verbose

Actions on Deployment Share

Create a deployment Share

```
New-PSDrive -Name "DSManager" -PSProvider MDTProvider -Root
$deploymentshare -NetworkPath
"\\computer_name\<DeploymentShareName>" -Verbose
```

Optimize the boot image updating process

```
update-MDTDeploymentShare -path "DSManager:" -Verbose
```

Optimize and compress the boot image updating process

```
update-MDTDeploymentShare -path "DSManager:" -Compress -Verbose
```

Completely regenerate the boot images

```
update-MDTDeploymentShare -path "DSManager:" -Force -Verbose
```

Actions on Applications node

Add an application

```
Import-MDTApplication -path "DSManager:\Applications" -enable "True" -Name "<AppliName>" -ShortName "ShortName" -
Version "" -Publisher "" -Language "" -CommandLine "<MyCommandLine>" -WorkingDirectory ".\Applications\" -
ApplicationSourcePath "<AppliSources>" -DestinationFolder "<AppliFolderName>" -Verbose
```

Remove an application

```
Remove-item -path "DSManager:\Applications\<AppliName>" -force -verbose
```

Add an application bundle

```
Import-MDTApplication -path "DSManager:\Applications" -enable "True" -Name "<Name>" -ShortName "<HortName" -Version "1"
-Publisher "<Publisher>" -Language "<Lang>" -Bundle -Verbose
```

Actions on Operating Systems node

Add an OS from full sources

```
import-mdtoperatingsystem -path "DSManager:\Operating Systems\Windows 10" -SourcePath "<OS_Sources>" -DestinationFolder
"Windows 10 Enterprise x64" -Verbose
```

Add an OS from a captured image file (WIM)

```
import-mdtoperatingsystem -path "DSManager:\Operating Systems\Windows 10" -SourceFile "<WIM_Sources" -DestinationFolder
"W10x64_wim" -Verbose
```

Add an OS from WDS Server

```
import-mdtoperatingsystem -path "DSManager:\Operating Systems\Windows 10" -WDSserver "<WDS_IP>" -Verbose
```

Remove an Operating System

```
Remove-item -path "DSManager:\Operating Systems\<OS_Name>" -force -verbose
```

Actions on Packages node

Add a package

```
import-mdtpackage -path "DSManager:\Packages" -SourcePath $sources
-Verbose
```

Remove package

```
Remove-item -path "DSManager:\Packages\<PackageName>" -force -
verbose
```

Actions on Drivers node

Import a driver

```
Import-mdtdriver -path "DSManager:\Out-of-Box Drivers" -SourcePath
"<DriversPath>" -ImportDuplicates -Verbose
```

Remove a driver

```
Remove-item -path "DSManager:\Out-of-Box Drivers\<DriverName>" -
force -verbose
```





Actions on Media node

Create a Media

```
New-Item -Path "C:\Media\Content\Deploy" -ItemType directory
Import-Module "$module\MicrosoftDeploymentToolkit.psd1"
New-PSDrive -Name "DSManager" -PSProvider MDTPProvider -Root "$deploymentShare"
New-item -path "DSManager:\Media" -enable "True" -Name "MEDIA001" -Comments "" -Root "C:\Media" -SelectionProfile "Windows 10 profile" -SupportX86 "True" -SupportX64 "True" -GenerateISO "True" -
ISOName "LiteTouchMedia.iso" -Verbose
New -PSDrive -Name "MEDIA001" -PSProvider "MDTPProvider" -Root "C:\Media\Content\Deploy" -Description "Embedded media deployment share" -Force -Verbose
```

Update a media

```
Update-MDTMedia -path "DSManager:\Media\MEDIA001" -Verbose
```

Actions on Linked Deployment Share node

Create a Linked deployment Share

```
New-item -path "DSManager:\Linked Deployment Shares" -enable "True" -Name "LINKED001" -Comments "" -Root "<TargetDeploymentShareUNC>" -SelectionProfile "My Windows 10 profile" -Replace "False" -
CopyStandardFolders "True" -UpdateBoot "True" -SingleUser "False" -Verbose
```

Replicate content between two linked Deployment Shares

```
Update-MDTLinkedDS -path "DSManager:\Linked Deployment Shares\LINKED001" -Verbose
```

Remove a Linked Deployment Share

```
Remove-item -path "DSManager:\Linked Deployment Shares\LINKED001" -force -verbose
```

Actions on Selection profile node

Create a selection profile

```
New-item -path "DSManager:\Selection Profiles" -enable "True" -Name "Windows 10 profile" -Comments "" -Definition "<SelectionProfile><Include path=""Applications"" /><Include path=""Operating Systems""
/><Include path=""Out-of-Box Drivers"" /><Include path=""Task Sequences"" /></SelectionProfile>" -ReadOnly "False" -Verbose
```

Remove a selection profile

```
Remove-item -path "DSManager:\Selection Profiles\Windows10" -force -verbose
```

Actions on Monitoring node

List Monitoring datas

```
Get-MDTMonitorData -path DSManager:
```

Test status of the MDT monitoring service

```
Test-MDTMonitorData -Server "<YourServer>" -DataPort "9801" -EventPort "9800"
```

Remove data from the monitoring

```
Remove-MDTMonitorData -Path "DSManager:" -ID <DataID_ToRemove>
```





Actions on Task Sequences node

Create a Task Sequence

```
import-mdtasksequence -path "DSManager:\Task Sequences" -Name "name" -Template "Client.xml" -ID "001" -Version "1.0" -OperatingSystemPath "DSManager:\Operating Systems\MyOS.wim" -FullName "FullName" -OrgName "OrganizationName" -HomePage "IEHomePage" -Verbose
```

Optional parameters

- OverrideProductKey: Specify a MAK key for activating the OS
- ProductKey: Specify a product key for the OS
- AdminPassword: Add an entry to log files Audit.log
- Comments: Add an entry to log files Audit.log
- Verbose: Add an entry to log files Audit.log

