

Packages struck in progress on DP

I am having few problems with certain packages on **PAR.RAMLAN.CA** distribution point. They are “in progress” for over 48 hours. I want to fix them with the following solution.

Distribution Point Configuration Status 2 items

Icon	Distribution Point Name	Pull Distribution Point	PXE	Content Validation	Multicast	Messages	Last Status Date
	CB.RAMLAN.CA	No	Yes	Yes	No	386	07-Mar-2020 8:19 PM
	PAR.RAMLAN.CA	Yes	Yes	Yes	No	386	08-Mar-2020 8:59 AM

PAR.RAMLAN.CA

Icon	Last Status Time	Message	Message Detail	Status Type	Package ID
	09-Mar-2020 10:08 AM	Downloading content from sour...	Pull Distribution Point "[Display=\\PAR.RAMLAN.CA\]MSWNET:[SMS_SITE=TOR]\PAR.RAMLAN.CA\ started downloading pack...	In Progress	TOR0001C
	08-Mar-2020 7:35 PM	Distributing content	Distribution Manager instructed Package Transfer manager to send package "TOR001A1" to distribution point "[Display=\\PAR.RA...	In Progress	TOR001A1
	08-Mar-2020 6:35 AM	Processing content on site server	Distribution Manager successfully processed package "Parallels Mac Client Package (TOR)" (package ID = TOR001A0).	In Progress	TOR001A0
	09-Mar-2020 9:24 AM	Downloading content from sour...	Pull Distribution Point "[Display=\\PAR.RAMLAN.CA\]MSWNET:[SMS_SITE=TOR]\PAR.RAMLAN.CA\ is currently downloading p...	In Progress	TOR00011
	08-Mar-2020 6:16 AM	Processing content on site server	Distribution Manager successfully processed package "Win 10" (package ID = TOR00016).	In Progress	TOR00016
	09-Mar-2020 1:50 AM	Processing content on site server	Distribution Manager successfully processed package "Microsoft Edge" (package ID = TOR00197).	In Progress	TOR00197
	08-Mar-2020 7:59 AM	Processing content	Start to evaluate package "TOR0003E" on distribution point "[Display=\\PAR.RAMLAN.CA\]MSWNET:[SMS_SITE=TOR]\PAR.RA...	In Progress	TOR0003E

My plan is to delete one package at a time and run PowerShell script to fix the issue.

Under the Administration node, go to Distribution Points and search for that one Distribution Point (DP); go to its Properties. Remove the package.

Distribution point Properties

Rate Limits | Pull Distribution Point

General | Communication | PXE | Multicast | Group Relationships | **Content** | Content Validation | Boundary Groups | Schedule

The following packages are assigned to this distribution point. To redistribute the package source content files to this distribution point, select the package name and then click Redistribute. To validate the integrity of the content files in a package, select the package and then click Validate. To verify that the content files for a package are available on the distribution point, check the Content Status node in the Monitoring workspace.

Deployment packages:

Name	Type	Size (MB)	Package ID
Boot image (x86)	Boot Image	223.81	TOR00002
Configuration Manager Client Pac...	Package	295.14	TOR00003
Boot image (x64)	Boot Image	410.90	TOR00005
User State Migration	Package	81.94	TOR0000A
Core FTP LE x64	Application	3.84	TOR0000B
VLC media player 3.0.6 (64-bit)	Application	52.98	TOR0000C
7-Zip 18.06 (x64 edition)	Application	1.66	TOR0000D
Office 365 ProPlus	Application	2,103.19	TOR0000F
Office 2019 Professional	Application	1,892.44	TOR00010
O365	Deployment Package	6,288.51	TOR00011
Win 10	Deployment Package	173,259.49	TOR00016
Srv 2019	Deployment Package	563.66	TOR00017
SQL 2017	Deployment Package	1,504.45	TOR00018
Defender	Deployment Package	2,321.62	TOR0001C
MDT 8456 Boot Capture x64	Boot Image	291.33	TOR0001E
MDT 8456	Package	52.77	TOR0001F

Validate | Redistribute | Remove

OK | Cancel | Apply

Open PowerShell as Admin and run below script.

```

1 $DPName = "par.ramlan.ca"
2 $PkgID = "TOR0001C"
3
4 # ===== DO NOT MODIFY THE BELOW ===== #
5 $creds = Get-Credential
6
7 #remove from wmi
8 Get-WmiObject -ComputerName $DPName -Namespace Root\SCCM DP -Class SMS_PackagesInContLib -Filter "PackageID = '$PkgID'" | Remove-WmiObject
9
10 #remove from content library
11 $ContentLib = Invoke-Command -ComputerName $DPName -Credential $creds -ScriptBlock {(Get-ItemProperty HKLM:\SOFTWARE\Microsoft\SMS\DP).ContentLibraryPath}
12 $driveletter = $ContentLib[0]
13 $location = "\\*.*" + $DPName + "\\$driveletter$\sccmcontentlib\pkglib"
14 Set-Location $location
15 Remove-Item "$PkgID.INI"
16 Set-Location $env:SystemDrive
17
18 write-host "Done! $PkgID was removed from both WMI and Content Library on $DPName" -ForegroundColor Yellow

```

```

PS C:\Users\Administrator.RAMLAN> $DPName = "par.ramlan.ca"
$PkgID = "TOR0001C"

# ===== DO NOT MODIFY THE BELOW ===== #
$creds = Get-Credential

#remove from wmi
Get-WmiObject -ComputerName $DPName -Namespace Root\SCCM DP -Class SMS_PackagesInContLib -Filter "PackageID = '$PkgID'" | Remove-WmiObject

#remove from content library
$contentLib = Invoke-Command -ComputerName $DPName -Credential $creds -ScriptBlock {(Get-ItemProperty HKLM:\SOFTWARE\Microsoft\SMS\DP).ContentLibraryPath}
$driveletter = $contentLib[0]
$location = "\\*.*" + $DPName + "\\$driveletter$\sccmcontentlib\pkglib"
Set-Location $location
Remove-Item "$PkgID.INI"
Set-Location $env:SystemDrive

write-host "Done! $PkgID was removed from both WMI and Content Library on $DPName" -ForegroundColor Yellow
cmdlet Get-Credential at command pipeline position 1
Supply values for the following parameters:
Remove-Item : Cannot find path '\\par.ramlan.ca\C$\sccmcontentlib\pkglib\TOR0001C.INI' because it does not exist.
At line:15 char:1
+ Remove-Item "$PkgID.INI"
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (\\par.ramlan.ca..ib\TOR0001C.INI:String) [Remove-Item], ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.RemoveItemCommand

Done! TOR0001C was removed from both WMI and Content Library on par.ramlan.ca
PS C:\Users\Administrator.RAMLAN>

```

Now Redistribute the package to PAR.RAMLAN.CA distribution point.

Overview > Software Updates > Deployment Packages

Deployment Packages 12 items

Icon	Name	Package ID	Source Date
	Defender	TOR0001C	08-Mar-2020 8:17 PM
	Microsoft Edge	TOR00197	09-Mar-2020 1:50 AM
	Monthly Updates for Office 2019	TOR0002F	23-Feb-2020 6:21 AM
	O365	TOR00011	08-Mar-2020 6:16 AM
	SQL 2017	TOR00018	23-Feb-2020 6:21 AM
	Srv 2019	TOR00017	08-Mar-2020 6:16 AM
	SSU Servers Monthly	TOR0003C	10-Dec-2019 9:40 AM
	SSU Windows 10	TOR0002D	23-Feb-2020 6:21 AM

Context menu options:

- Show Members
- Manage Access Accounts
- Create Prestaged Content File
- Refresh F5
- Delete Delete
- Distribute Content



General

General

Content Destination

Summary

Progress

Completion

Review selected content

You have selected the following content for distribution.

Content:

Defender

Some content might have associated dependencies that must be installed before the content can be installed.

Detect associated content dependencies and add them to this distribution

< Previous

Next >

Summary

Cancel



Content Destination

General

Content Destination

Summary

Progress

Completion

Specify the content destination

Content will be distributed to the following distribution points, distribution point groups, and the distribution point groups that are currently associated with collections.

Content destination:

Name	Description	Associations
PAR.RAMLAN.CA	Distribution point	

Filter...

< Previous

Next >

Summary

Cancel



Summary

General

Content Destination

Summary

Progress

Completion

Confirm the settings

Details:

- Content (1):
 - Defender
- Collections (0):
- Distribution point groups (0):
- Distribution points (1):
 - PAR.RAMLAN.CA

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

< Previous

Next >

Summary

Cancel



Completion

General

Content Destination

Summary

Progress

Completion



The Distribute Content Wizard completed successfully

Details:

- Content (1):
 - Defender
- Collections (0):
- Distribution point groups (0):
- Distribution points (1):
 - PAR.RAMLAN.CA

To exit the wizard, click Close.

< Previous

Next >

Summary

Close

Now we wait for some time to make sure the package distribution was successful by monitoring the package status.

Overview ▶ Distribution Status ▶ Content Status ▶ Defender

Content Status

Content Distribution: Defender

Success
 In Progress
 Error
 Unknown

Status	Assets	Status Type
Distributing content	1	In Progress

Asset Details

Filter

Device	Last Status Time	Group Targeted	Description
PAR.RAMLAN.CA	09-Mar-2020 10:35 AM	Yes	Distribution Manager instructed Package Transfer manager to...

Distribution Point Group Status

Distribution Point Group: Toronto

Success
 In Progress
 Error
 Unknown

Status	Total Assets	Content Items	Last Status Time
Successfully distributed content	2	14	09-Mar-2020 12:1...
Successfully processed content on distribution point	2	371	08-Mar-2020 8:59...

Asset Details

Filter

Device	Package Name	Package ID	Last Status Time	Object Type	Description	Status
PAR.RAMLAN.CA	Defender	TOR0001C	09-Mar-2020 12:1...	Software U...	Distribution Manager successfully distributed package "TOR0001C" to distribution poi...	Successfully distributed content

Now the package distribution is successful. We will have to do the same for these packages because they also did not complete successfully before.

TOR00197, TOR0003E, TOR00016, TOR001A1, TOR001A0, TOR00011

This is how you can fix packages "In Progress" issue within DP's.

Thanks

Ram Lan
9th Mar 2020

Script:

```
$DPName = "par.ramlan.ca"
```

```
$PkgID = "TOR00197", "TOR0003E", "TOR00016", "TOR001A1", "TOR001A0", "TOR00011"
```

```
# ===== DO NOT MODIFY THE BELOW ===== #
```

```
$creds = Get-Credential
```

```
#remove from wmi
```

```
Get-WmiObject -ComputerName $DPName -Namespace Root\SCCM DP -Class SMS_PackagesInContLib -  
Filter "PackageID = '$PkgID'" | Remove-WmiObject
```

```
#remove from content library
```

```
$ContentLib = Invoke-Command -ComputerName $DPName -Credential $creds -ScriptBlock {(Get-  
ItemProperty HKLM:SOFTWARE\Microsoft\SMS\DP).ContentLibraryPath}
```

```
$driveletter = $ContentLib[0]
```

```
$Location = "\\\" + $DPName + "\\$driveletter$\sccmcontentlib\pkglib"
```

```
Set-Location $Location
```

```
Remove-Item "$PkgID.INI"
```

```
Set-Location $env:SystemDrive
```

```
write-host "Done! $PkgID was removed from both WMI and Content Library on $DPName" -  
ForegroundColor Yellow
```