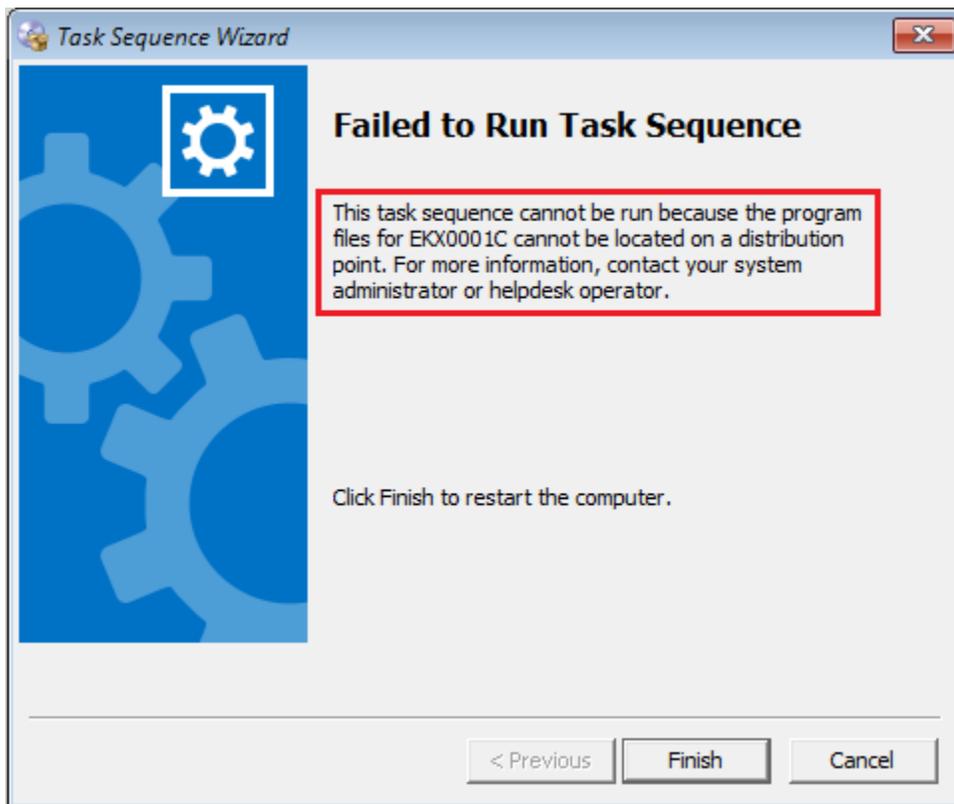
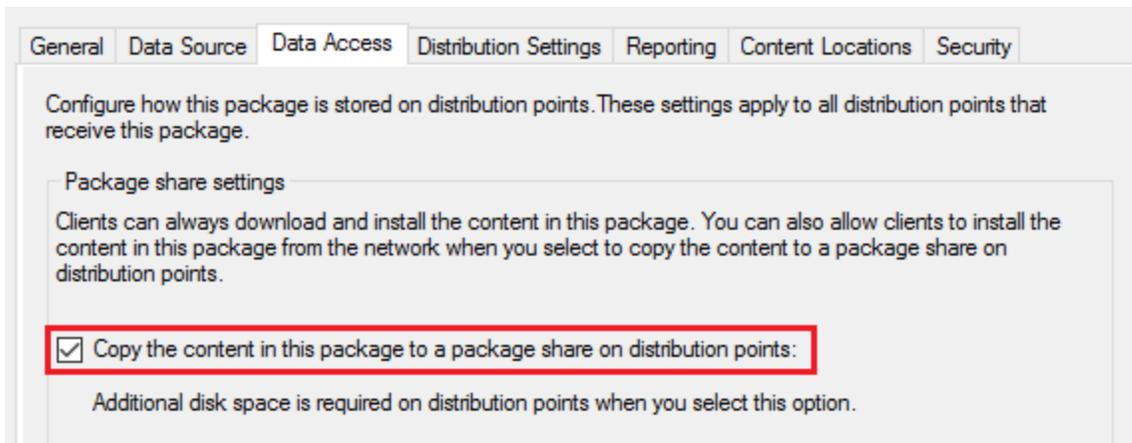




If you been working with SCCM for a while you have most probably experienced this? You created a new program package, driver package or perhaps added a new OS image; but you forgot to distribute it.

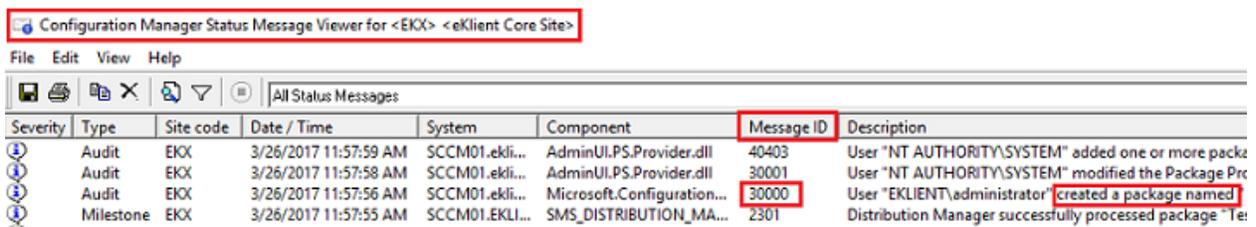


Another possible problem is that your deployment is configured to “Access content directly from a distribution point when needed by the running task sequence” and that you instead forgot to mark the new package to be copied to a package share on distribution points.



To make life easier we decided to create a status driven script to automatically handle this.

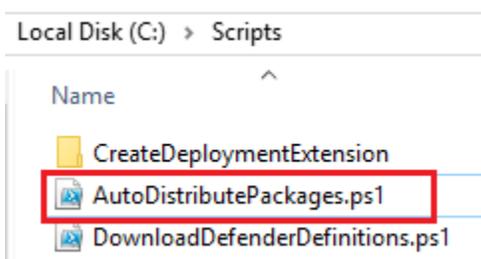
Every time a new package is added we will get a new status message with ID: 30000



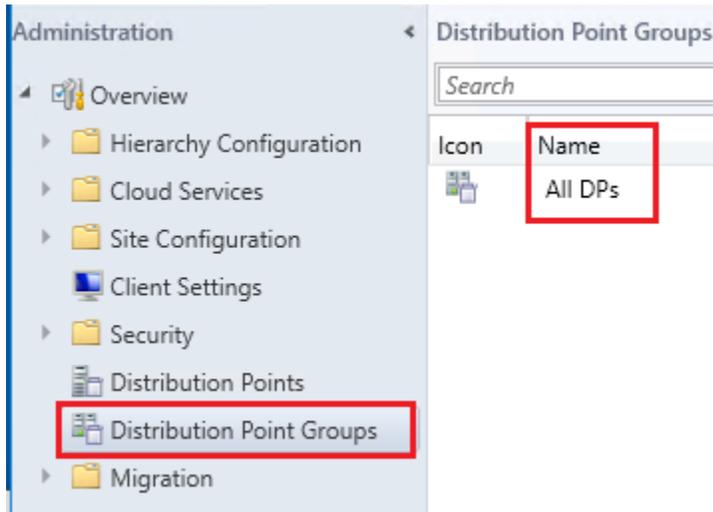
This "Message ID" can be used to trigger the execution of a custom script that automates distribution and also, if desired, copies the content to a share, making sure that we from now on don't have to bother anymore.

CONFIGURE THE SCRIPT

1. Place the script in a "scripts folder" on you Site server.



2. Find the name(s) of your distribution point group.



3. Edit the script and let it know the name(s) of your distribution point group.

```
19 # CONFIG START
20
21 $CopyToShare = $True
22 $DPgroups = @("All DPs")
23
24 # CONFIG END
```

If you wish to auto distribute to several groups add them to the list like:

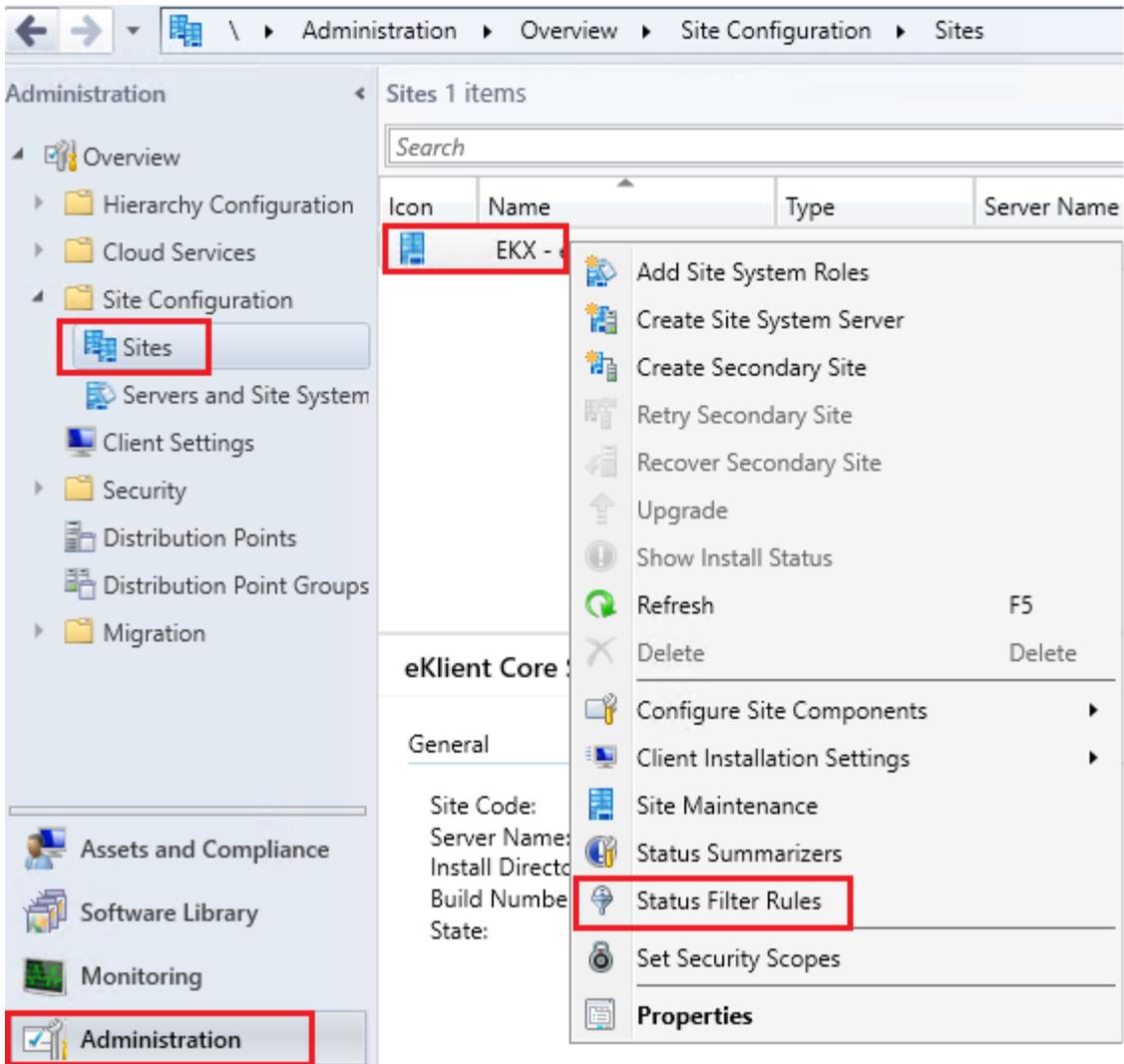
```
$DPgroups = @("Group One Name", "Group Two Name")
```

If you don't want to copy your packages to a share on DP's, change `$CopyToShare = $false`

4. Save the script.

CREATE STATUS FILTER RULE

1. Right click your "Site" and press "Status Filter Rules" on the context menu.



2. Press "Create" to open the Rules Wizard.

Specify the settings for Configuration Manager Site Status Filter Rules.

Increase Priority

Decrease Priority

Name	Status	Priority
↓ Detect when the status of the site database changes to Critic...	Enabled	1
↓ Detect when the status of the site database changes to War...	Enabled	2
↓ Detect when the status of the site database changes to Critic...	Enabled	3
↓ Detect when the status of the transaction log for the site data...	Enabled	4
↓ Detect when the status of the transaction log for the site data...	Enabled	5
↓ Detect when the status of the transaction log for the site data...	Enabled	6
↓ Detect when the status of a site system's storage object cha...	Enabled	7
↓ Detect when the status of a site system's storage object cha...	Enabled	8
↓ Detect when the status of a site system's storage object cha...	Enabled	9
↓ Detect when the status of a server component changes to ...	Enabled	10
↓ Detect when the status of a server component changes to Cr...	Enabled	11
↓ Write audit messages to the site database and and specify th...	Enabled	12
↓ Write all other messages to the site database and specify the...	Enabled	13

Create...

Edit...

Disable

Delete

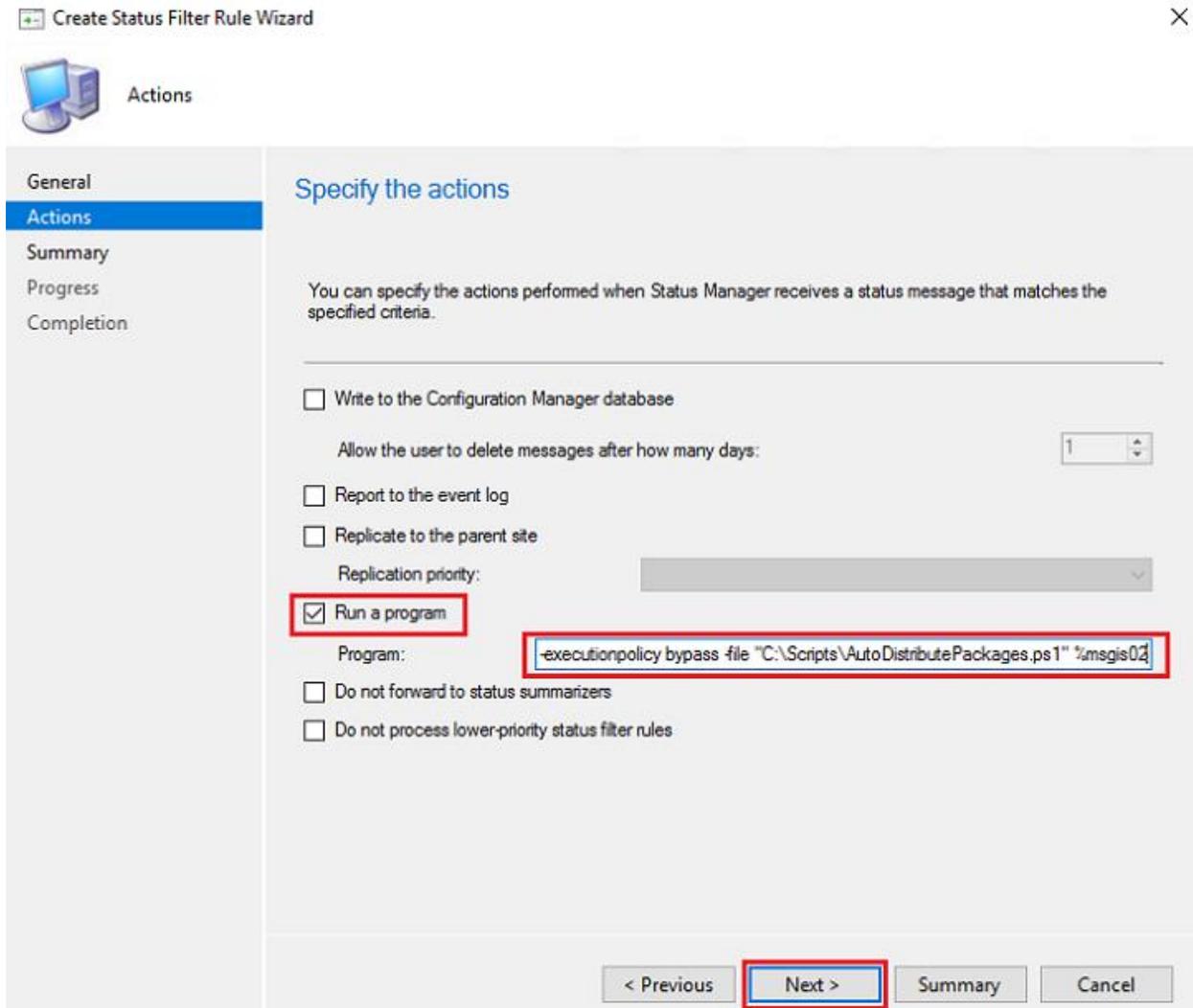
OK

Cancel

3. Give the new Rule a Name (Auto Distribute new Package) and make Message ID 30000 the trigger. Press Next

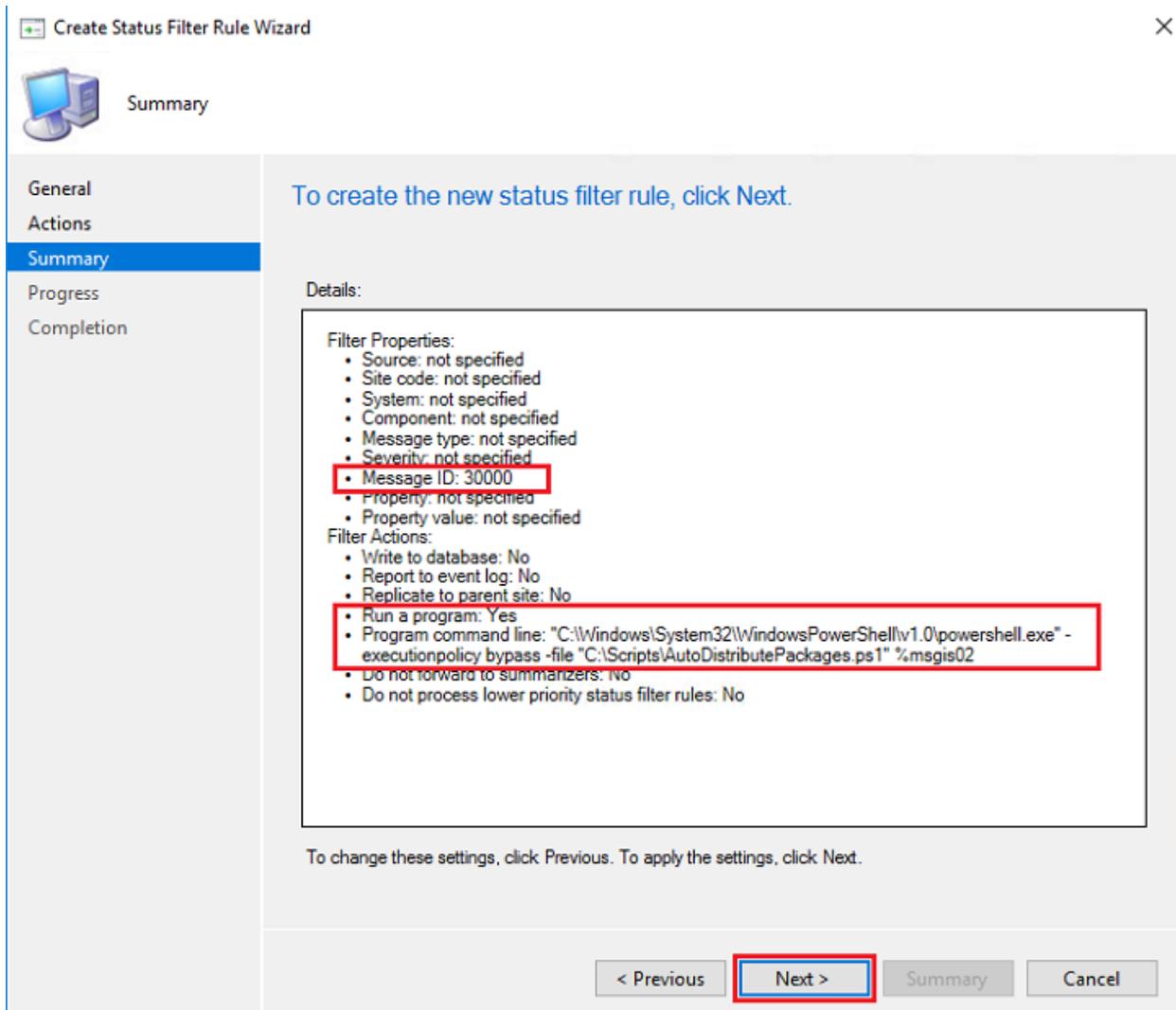
The image shows a screenshot of the 'Create Status Filter Rule Wizard' dialog box. The window title is 'Create Status Filter Rule Wizard'. The 'General' tab is selected in the left-hand navigation pane. The main area is titled 'Create a new status filter rule'. A red box highlights the 'Name' field, which contains the text 'Auto Distribute new Package'. Below this, there are several filter criteria, each with a checkbox and a dropdown menu. The 'Message ID' checkbox is checked, and its corresponding text box contains the value '30000'. A red box highlights the 'Next >' button at the bottom right of the dialog.

4. Specify the Action for the new Rule = Run the script with Powershell. Press Next when done.



**Program: "C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -
executionpolicy bypass -file "C:\Scripts\AutoDistributePackages.ps1" %msgis02**

5. Check the Summary and press Next.



6. Close wizard



Completion

- General
- Actions
- Summary
- Progress
- Completion**

A new status filter rule with the following properties has been created:

✓ The Create Status Filter Rule Wizard completed successfully

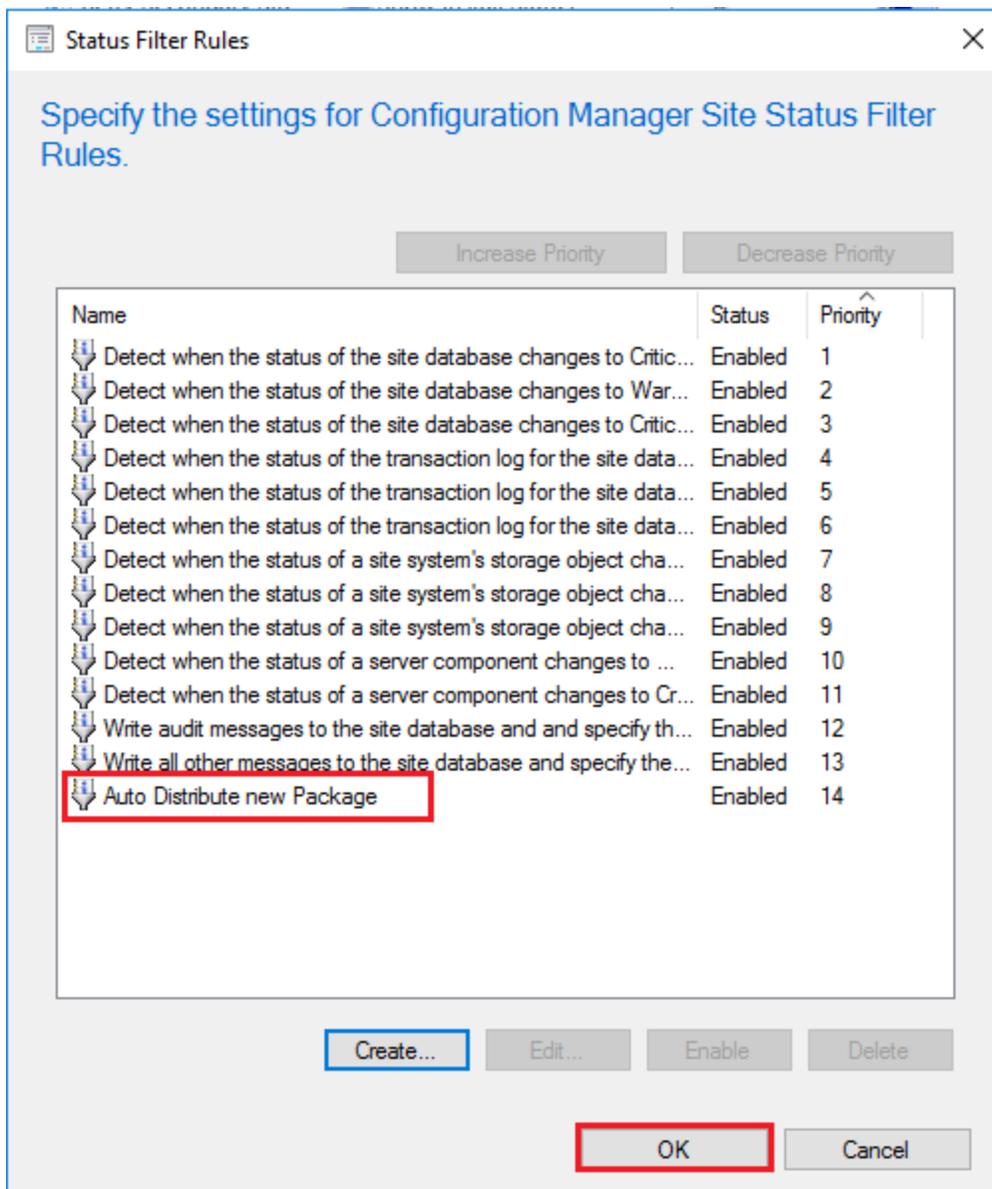
Details:

- ✓ Success: Filter Properties:
 - Source: not specified
 - Site code: not specified
 - System: not specified
 - Component: not specified
 - Message type: not specified
 - Severity: not specified
 - Message ID: 30000
 - Property: not specified
 - Property value: not specified
- ✓ Success: Filter Actions:
 - Write to database: No
 - Report to event log: No
 - Replicate to parent site: No
 - Run a program: Yes
 - Program command line: "C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" - executionpolicy bypass -file "C:\Scripts\AutoDistributePackages.ps1" %msgis02

To exit the wizard, click Close.

- < Previous
- Next >
- Summary
- Close**

7 You should now have a new Status Filter Rule. Press OK to close the Window.



8. Done!

Next time you create a package, driver package or add an OS image, Distribution will be automatically handled for you.

Limitations:

- It's only possible to choose Distribution point **groups**, if you need DP resolution, feel free to edit the script, or write a dedicated.

- Script must run on a server with SCCM Console installed.