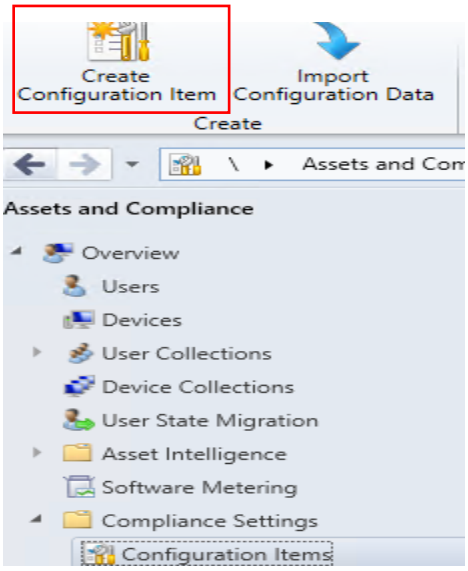
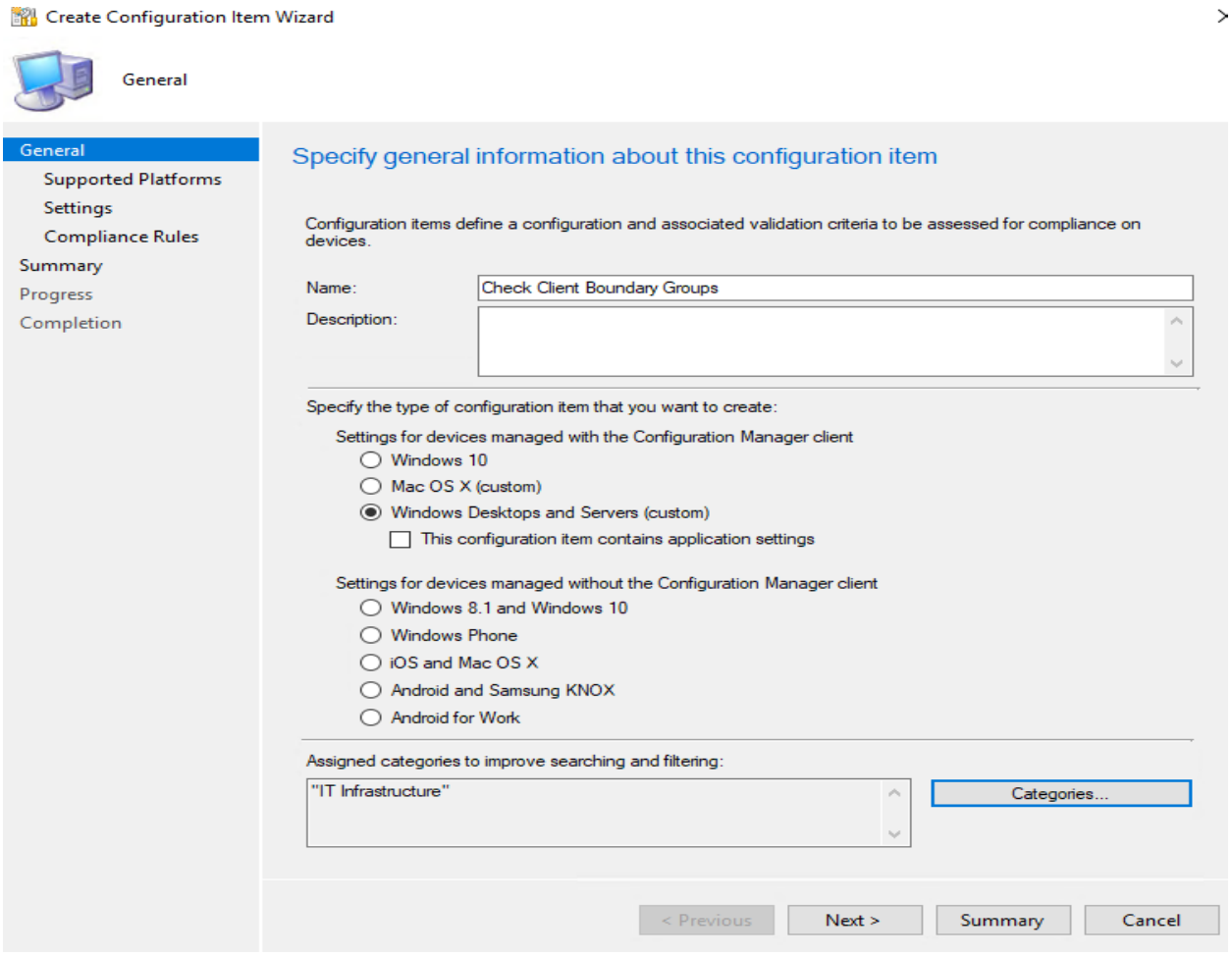
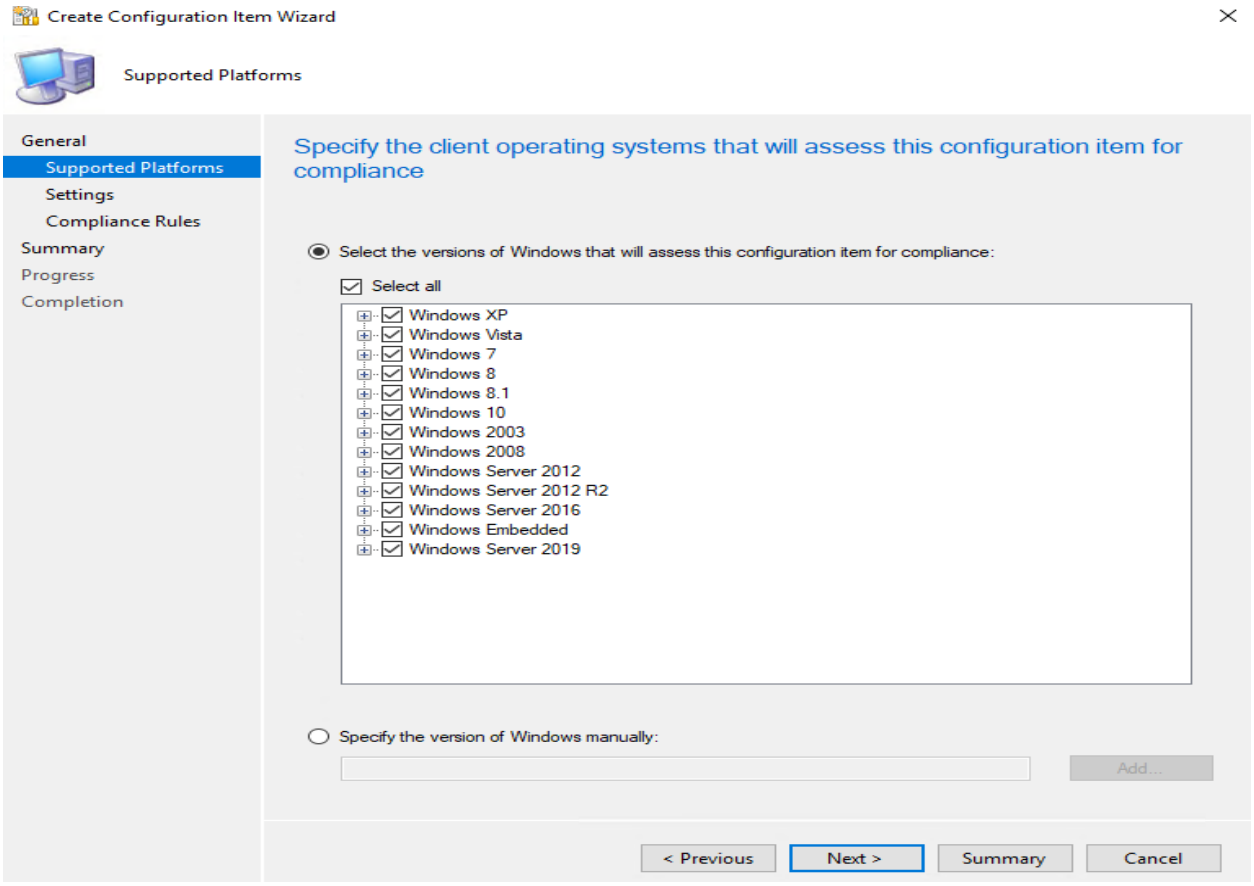
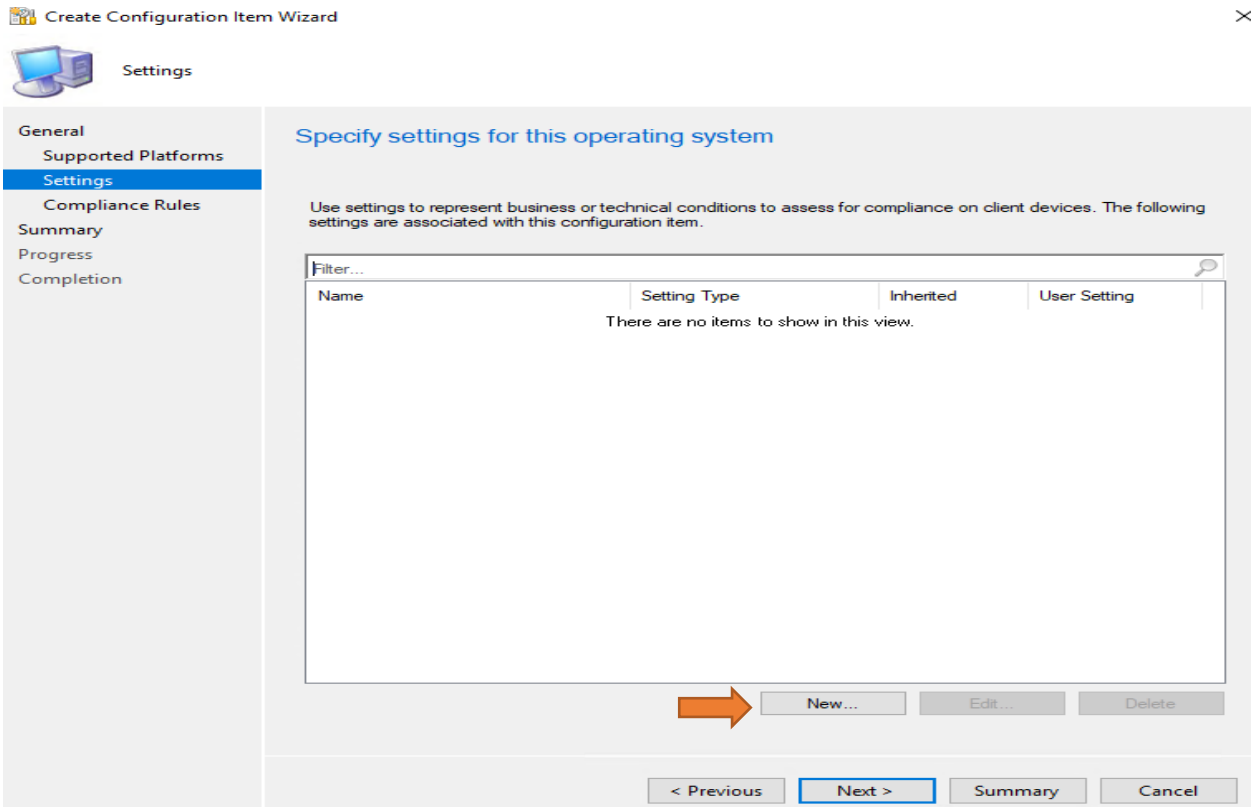
Compliance Settings to find Boundary Groups Client Status

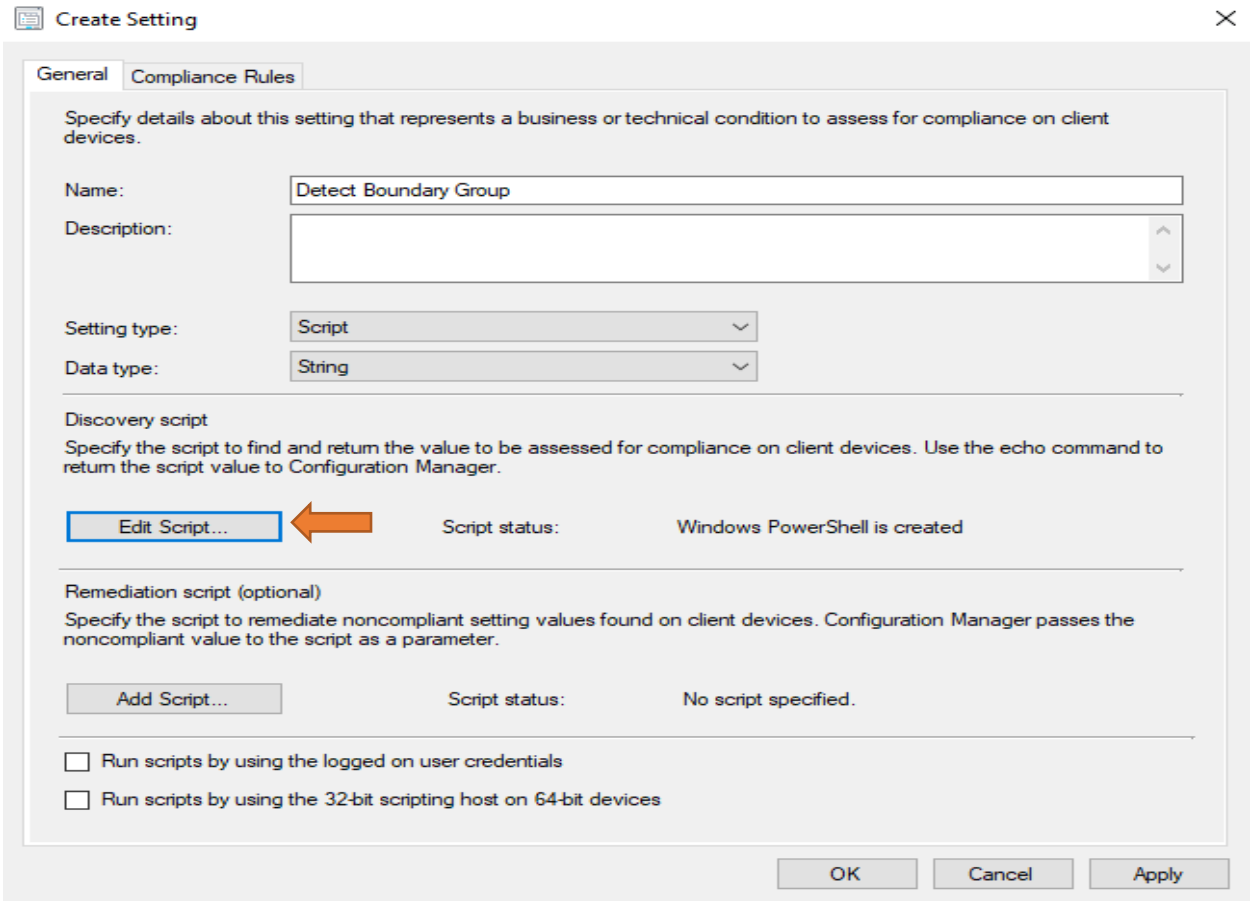
In this post, I will show you how to create configuration item and set configuration baseline for finding Boundary groups client belong to.

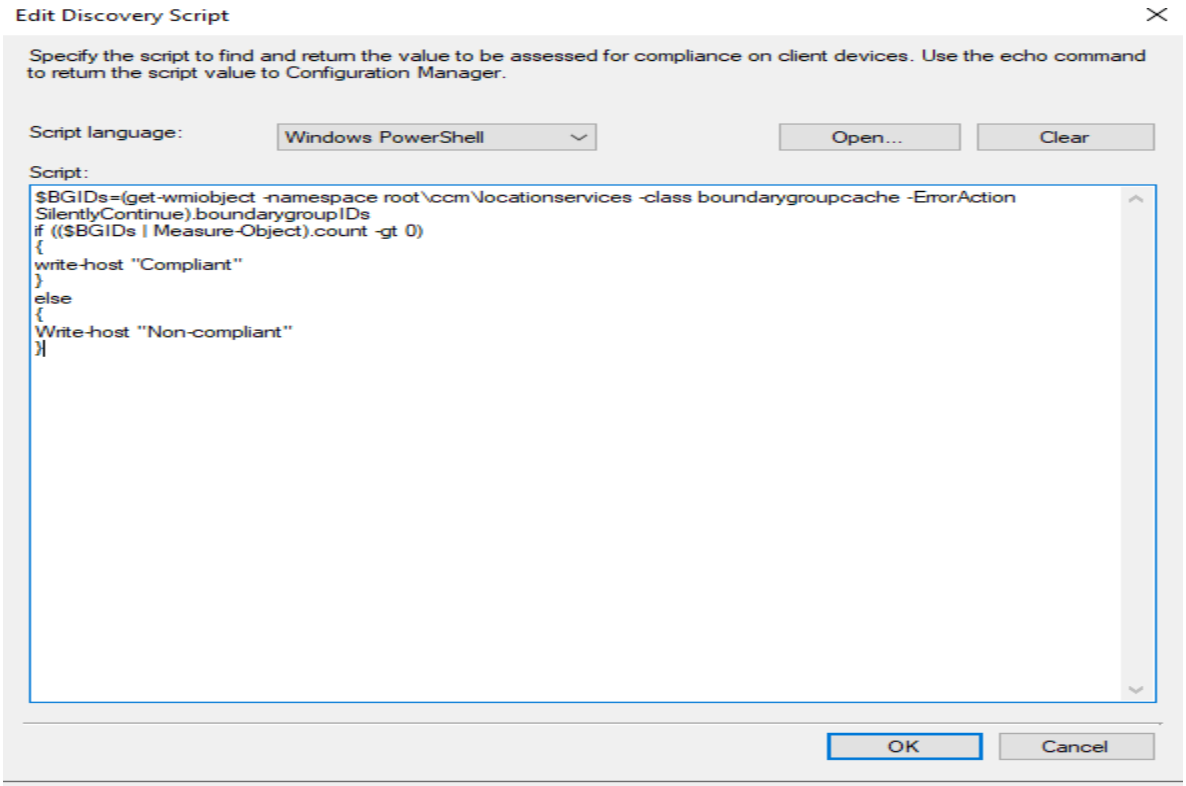


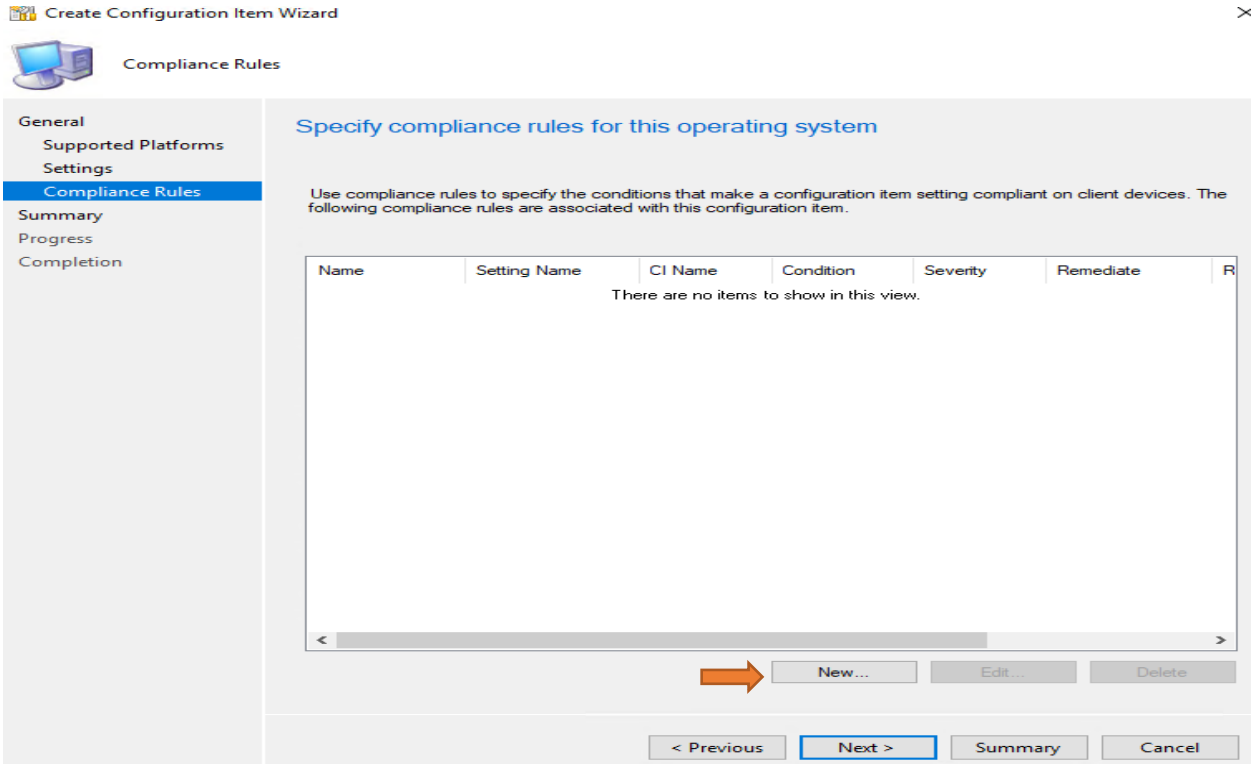


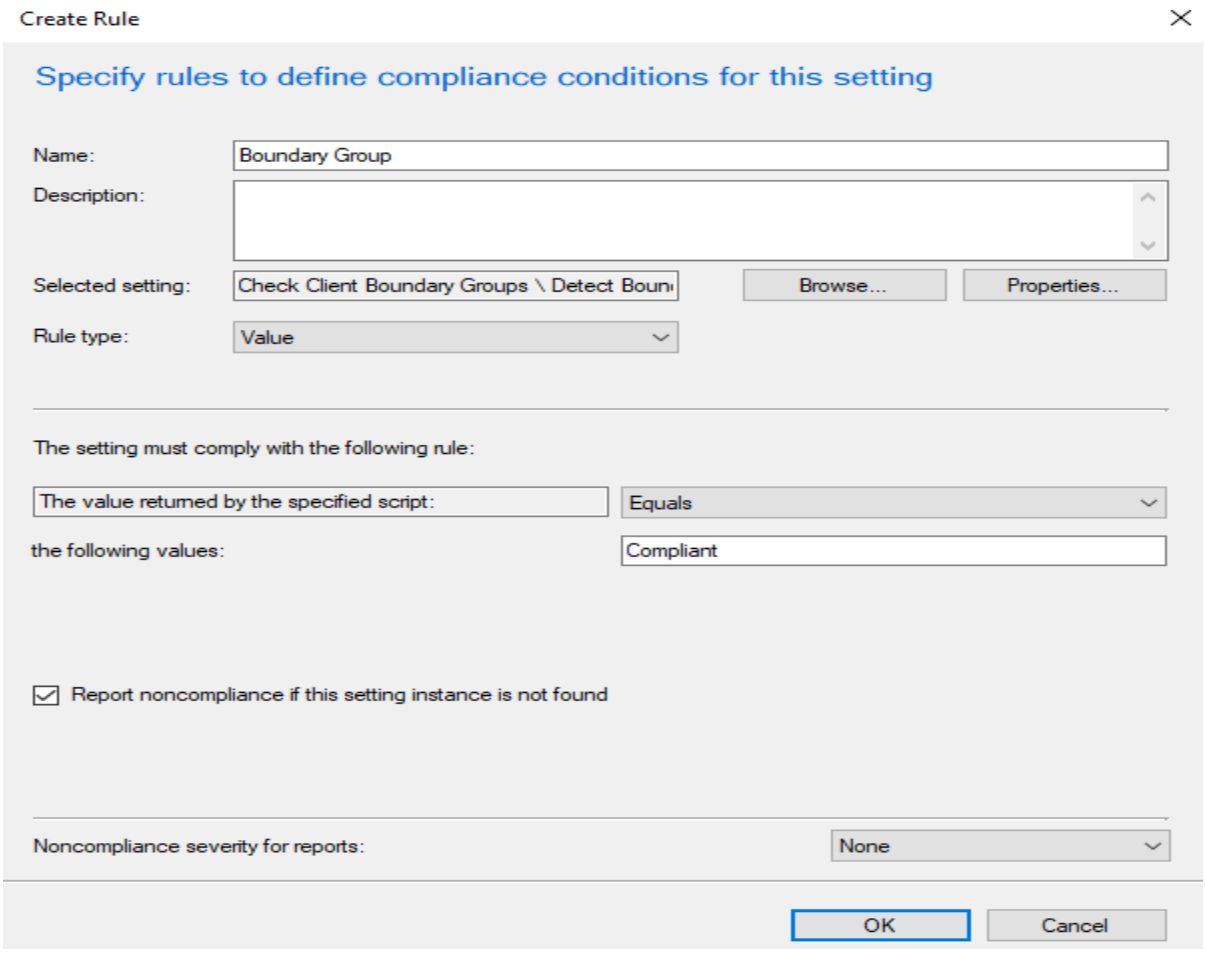

Create Configuration Item Wizard
Supported Platforms
General
Supported Platforms
Settings
Compliance Rules
Summary
Progress
Completion
Specify the client operating systems that will assess this configuration item for compliance
Select the versions of Windows that will assess this configuration item for compliance:
Select all
Windows XP
Windows Vista
Windows 7
Windows 8
Windows 8.1
Windows 10
Windows 2003
Windows 2008
Windows Server 2012
Windows Server 2012 R2
Windows Server 2016
Windows Embedded
Windows Server 2019
Specify the version of Windows manually:
Add...
< Previous
Next >
Summary
Cancel

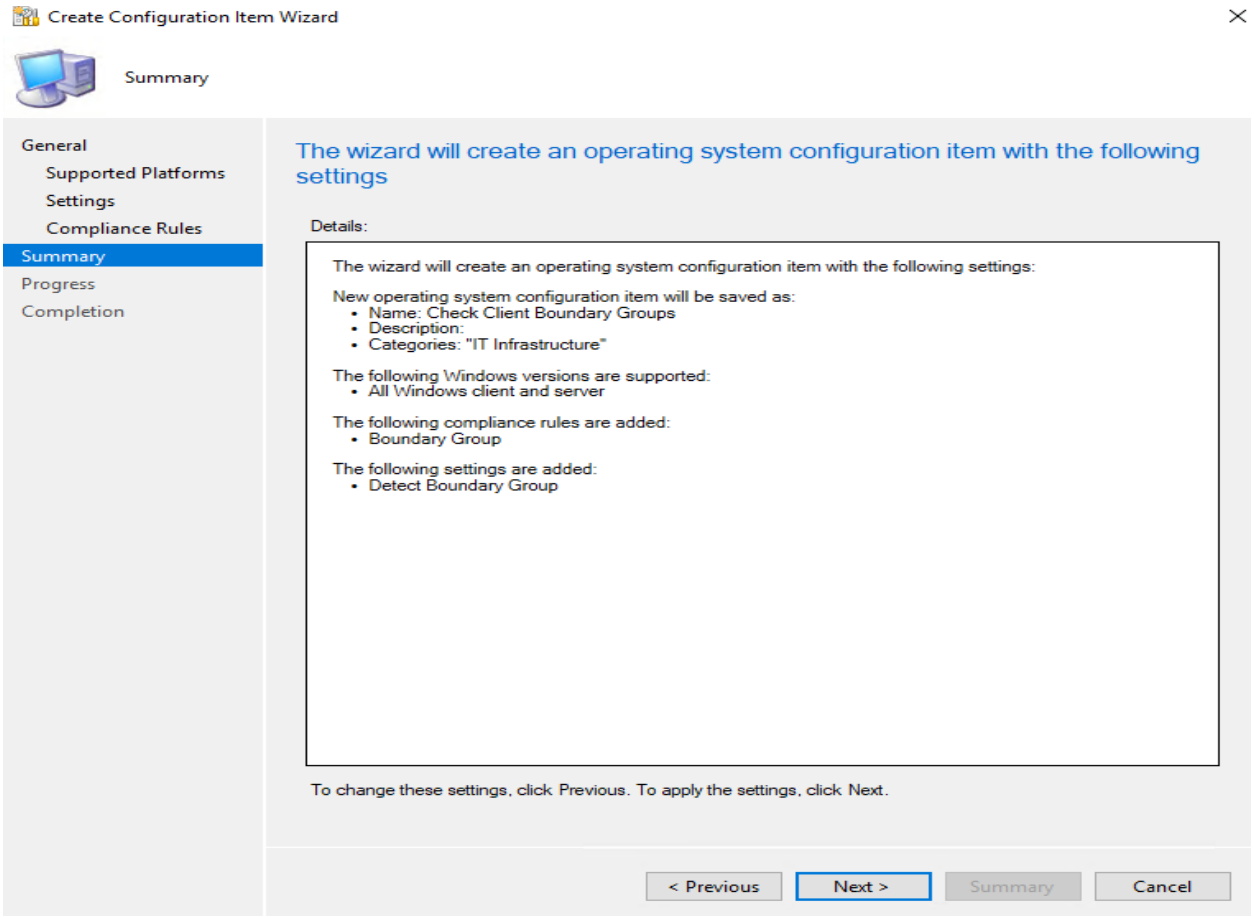

Create Configuration Item Wizard
Settings
General
Supported Platforms
Settings
Compliance Rules
Summary
Progress
Completion
Specify settings for this operating system
Use settings to represent business or technical conditions to assess for compliance on client devices. The following settings are associated with this configuration item.
Filter...
Name
Setting Type
Inherited
User Setting
There are no items to show in this view.
New...
Edit...
Delete
< Previous
Next >
Summary
Cancel

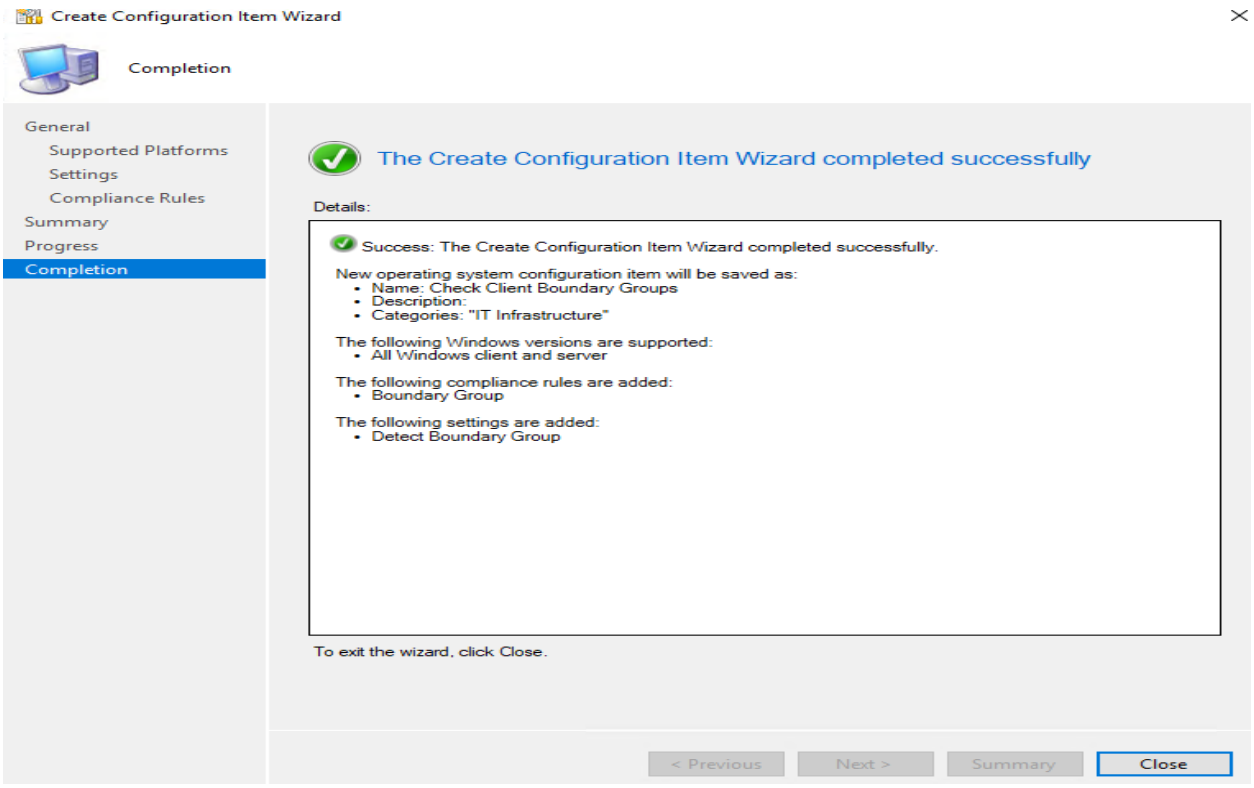

Create Setting
General
Compliance Rules
Specify details about this setting that represents a business or technical condition to assess for compliance on client devices.
Name:
Detect Boundary Group
Description:
Setting type:
Script
Data type:
String
Discovery script
Specify the script to find and return the value to be assessed for compliance on client devices. Use the echo command to return the script value to Configuration Manager.
Edit Script...
Script status:
Windows PowerShell is created
Remediation script (optional)
Specify the script to remediate noncompliant setting values found on client devices. Configuration Manager passes the noncompliant value to the script as a parameter.
Add Script...
Script status:
No script specified.
Run scripts by using the logged on user credentials
Run scripts by using the 32-bit scripting host on 64-bit devices
OK
Cancel
Apply


Edit Discovery Script
Specify the script to find and return the value to be assessed for compliance on client devices. Use the echo command to return the script value to Configuration Manager.
Script language:
Windows PowerShell
Open...
Clear
Script:
$BGIDs=(get-wmiobject -namespace root\ccm\locationservices -class boundarygroupcache -ErrorAction SilentlyContinue).boundarygroupIDs
if (($BGIDs | Measure-Object).count -gt 0)
{
write-host "Compliant"
}
else
{
Write-host "Non-compliant"
}
OK
Cancel

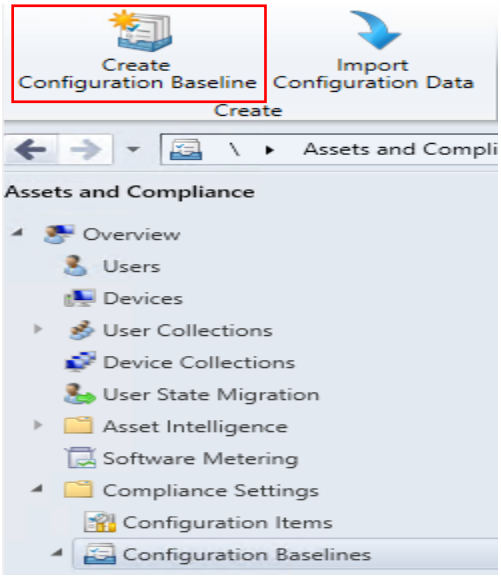

Create Configuration Item Wizard
Compliance Rules
General
Supported Platforms
Settings
Compliance Rules
Summary
Progress
Completion
Specify compliance rules for this operating system
Use compliance rules to specify the conditions that make a configuration item setting compliant on client devices. The following compliance rules are associated with this configuration item.
Name
Setting Name
CI Name
Condition
Severity
Remediate
There are no items to show in this view.
New...
Edit...
Delete
< Previous
Next >
Summary
Cancel

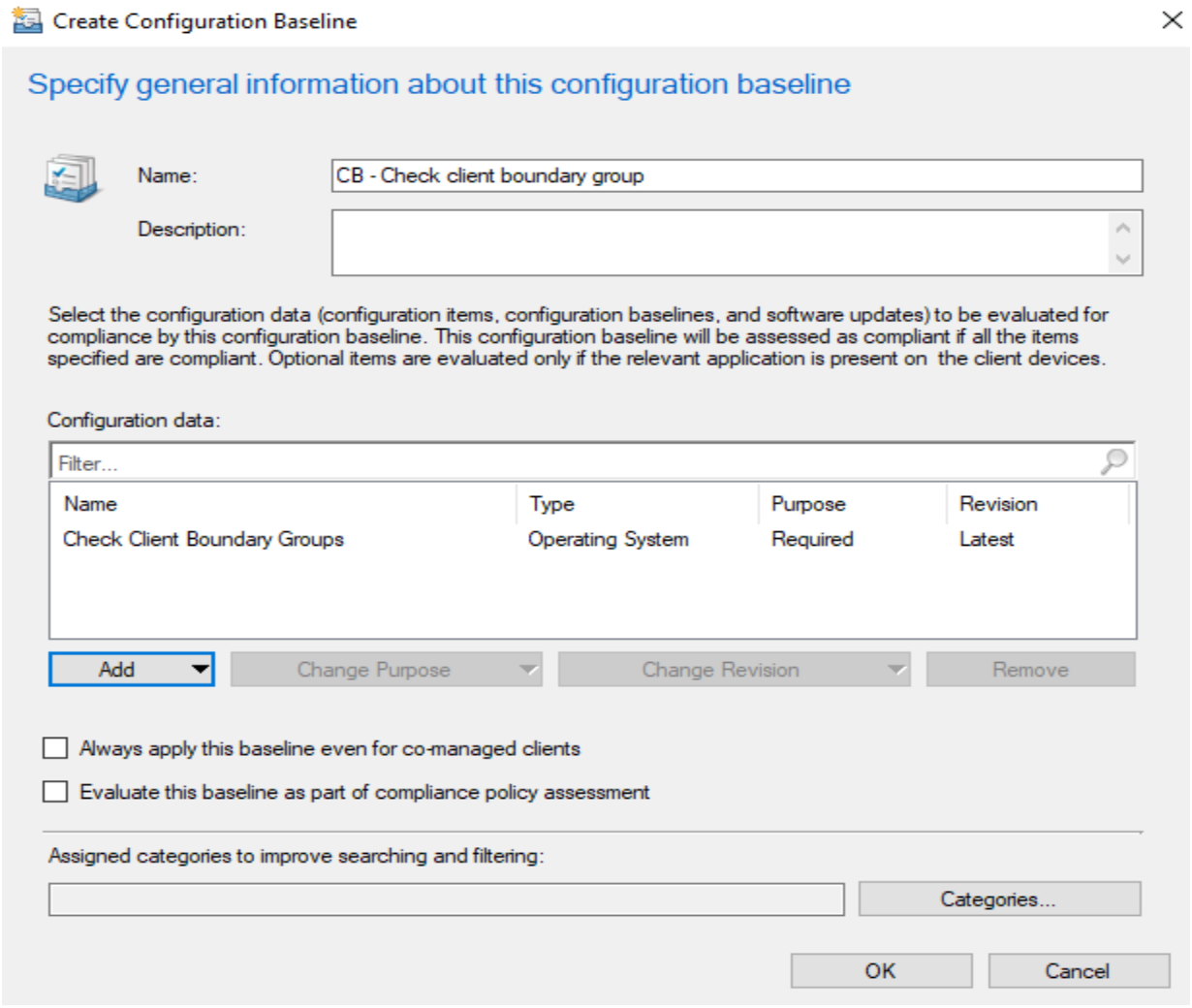

Create Rule
Specify rules to define compliance conditions for this setting
Name:
Boundary Group
Description:
Selected setting:
Check Client Boundary Groups \ Detect Boun
Browse...
Properties...
Rule type:
Value
The setting must comply with the following rule:
The value returned by the specified script:
Equals
the following values:
Compliant
Report noncompliance if this setting instance is not found
Noncompliance severity for reports:
None
OK
Cancel


Create Configuration Item Wizard
Summary
General
Supported Platforms
Settings
Compliance Rules
Summary
Progress
Completion
The wizard will create an operating system configuration item with the following settings
Details:
The wizard will create an operating system configuration item with the following settings:
New operating system configuration item will be saved as:
• Name: Check Client Boundary Groups
• Description:
• Categories: "IT Infrastructure"
The following Windows versions are supported:
• All Windows client and server
The following compliance rules are added:
• Boundary Group
The following settings are added:
• Detect Boundary Group
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel

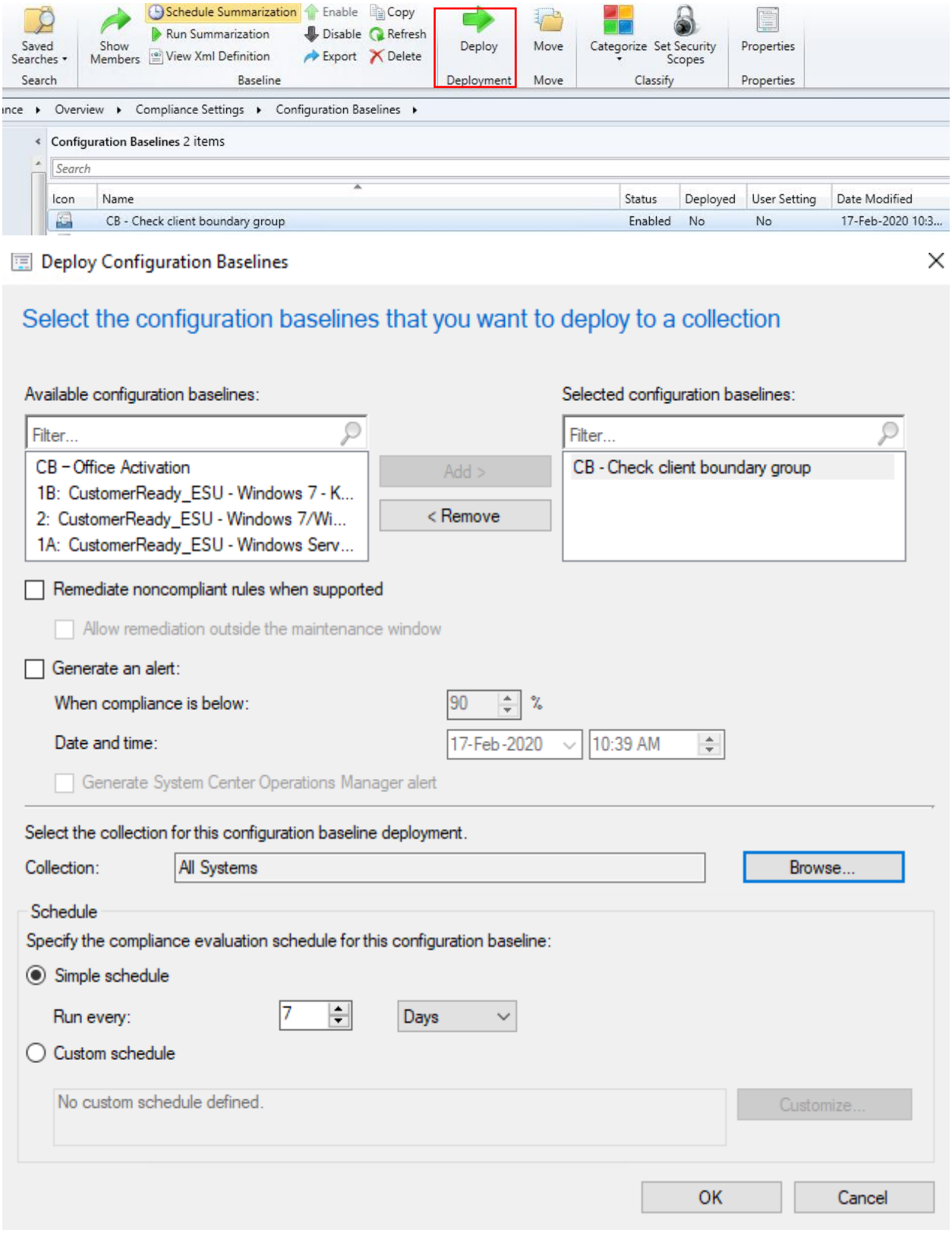

Create Configuration Item Wizard
Completion
General
Supported Platforms
Settings
Compliance Rules
Summary
Progress
Completion
The Create Configuration Item Wizard completed successfully
Details:
Success: The Create Configuration Item Wizard completed successfully.
New operating system configuration item will be saved as:
• Name: Check Client Boundary Groups
• Description:
• Categories: "IT Infrastructure"
The following Windows versions are supported:
• All Windows client and server
The following compliance rules are added:
• Boundary Group
The following settings are added:
• Detect Boundary Group
To exit the wizard, click Close.
< Previous
Next >
Summary
Close

Create Baseline

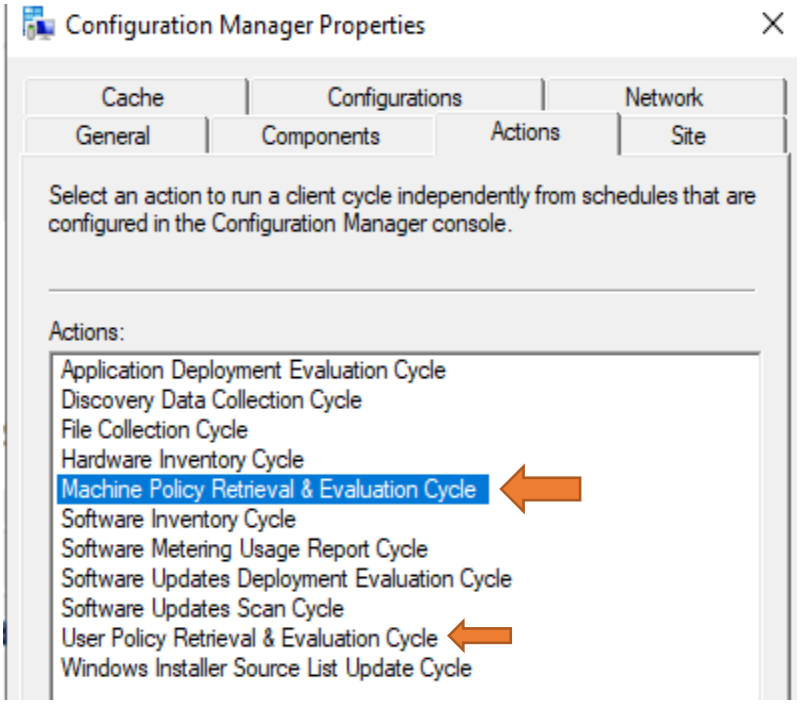




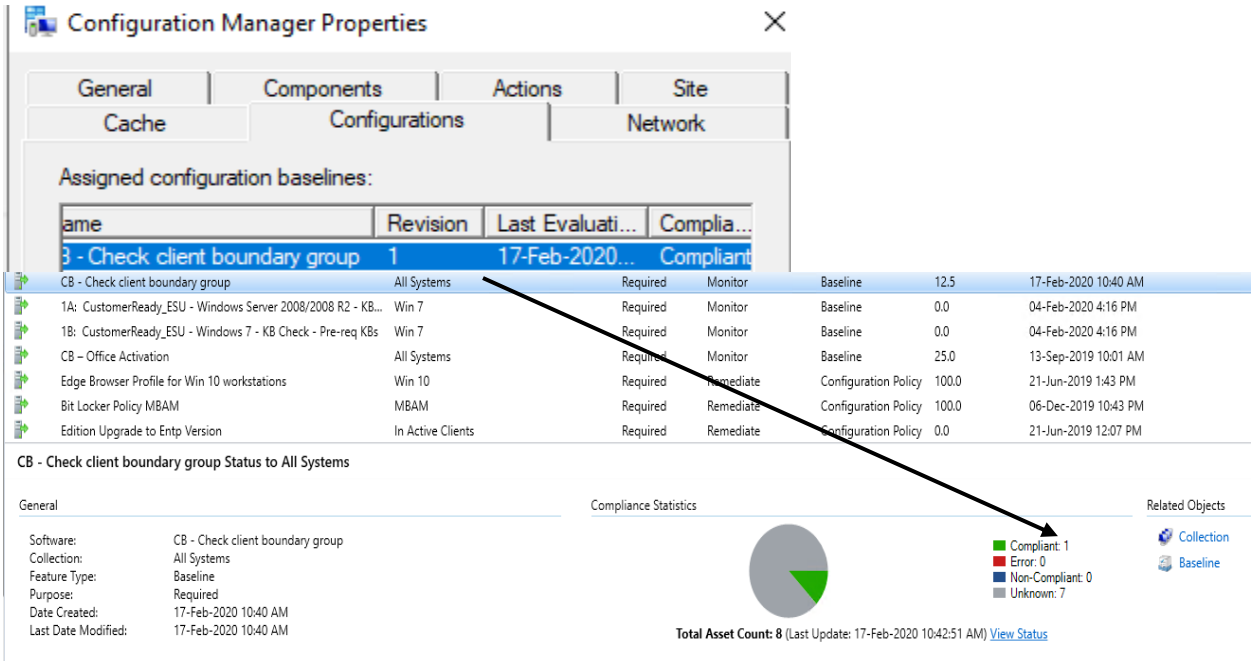
Deploy Baseline



Refresh Machine and User policy



Check Compliant status



This concludes Boundary group baseline configuration compliant status.

Thanks

Ram Lan
17th Feb 2020

Discovery script (PowerShell):

```
$BGIDs=(get-wmiobject -namespace root\ccm\locationservices -class
boundarygroupcache -ErrorAction SilentlyContinue).boundarygroupIDs
if (($BGIDs | Measure-Object).count -gt 0)
{
write-host "Compliant"
}
else
{
Write-host "Non-compliant"
}
```