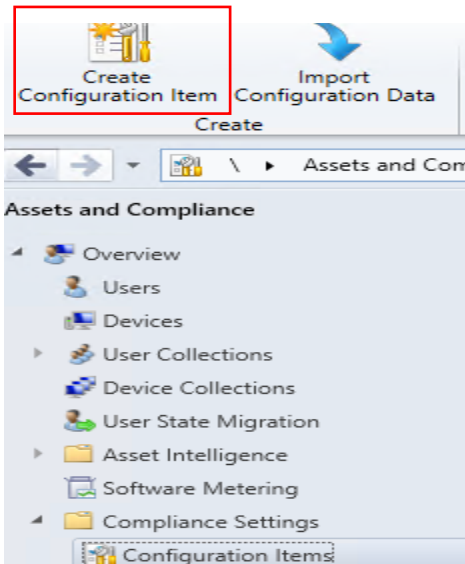


## Compliance Settings to find Boundary Groups Client Status

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



- General
- Supported Platforms
- Settings
- Compliance Rules
- Summary
- Progress
- Completion

### Specify general information about this configuration item

Configuration items define a configuration and associated validation criteria to be assessed for compliance on devices.

Name:

Description:

Specify the type of configuration item that you want to create:

Settings for devices managed with the Configuration Manager client

- Windows 10
- Mac OS X (custom)
- Windows Desktops and Servers (custom)
  - This configuration item contains application settings

Settings for devices managed without the Configuration Manager client

- Windows 8.1 and Windows 10
- Windows Phone
- iOS and Mac OS X
- Android and Samsung KNOX
- Android for Work

Assigned categories to improve searching and filtering:

< Previous    Next >    Summary    Cancel



### 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



### 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



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	R
There are no items to show in this view.						



Create Rule

Specify rules to define compliance conditions for this setting

Name:

Description:

Selected setting:

Rule type:

The setting must comply with the following rule:

the following values:

Report noncompliance if this setting instance is not found

Noncompliance severity for reports:



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




Completion

- General
- Supported Platforms
- Settings
- Compliance Rules
- Summary
- Progress
- Completion**

### The Create Configuration Item Wizard completed successfully

Details:

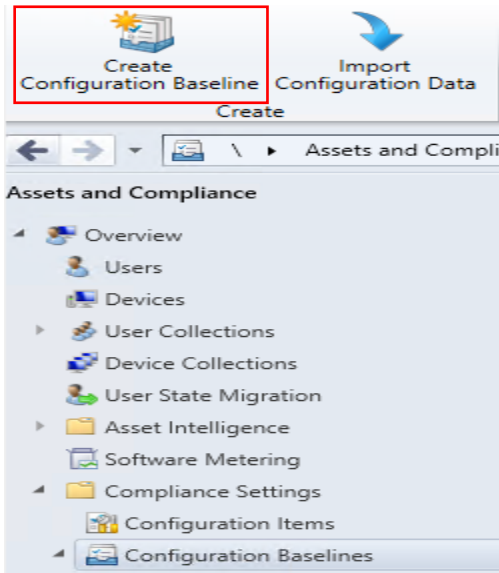
 Success: The Create Configuration Item Wizard completed successfully.

- 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



Create Configuration Baseline ✕

### Specify general information about this configuration baseline

Name:

Description:

Select the configuration data (configuration items, configuration baselines, and software updates) to be evaluated for compliance by this configuration baseline. This configuration baseline will be assessed as compliant if all the items specified are compliant. Optional items are evaluated only if the relevant application is present on the client devices.

Configuration data:

Name	Type	Purpose	Revision
Check Client Boundary Groups	Operating System	Required	Latest

Always apply this baseline even for co-managed clients

Evaluate this baseline as part of compliance policy assessment

Assigned categories to improve searching and filtering:

## Deploy Baseline

The screenshot shows the Microsoft Management Console (MMC) interface for Configuration Baselines. The ribbon at the top includes various actions, with the 'Deploy' button highlighted in a red box. Below the ribbon, a table lists configuration baselines. One baseline, 'CB - Check client boundary group', is selected. A dialog box titled 'Deploy Configuration Baselines' is open, showing the selected baseline and options for deployment, including remediation, alerting, and scheduling.

Icon	Name	Status	Deployed	User Setting	Date Modified
	CB - Check client boundary group	Enabled	No	No	17-Feb-2020 10:3...

**Deploy Configuration Baselines**

Select the configuration baselines that you want to deploy to a collection

Available configuration baselines:

- Filter...
- CB - Office Activation
- 1B: CustomerReady\_ESU - Windows 7 - K...
- 2: CustomerReady\_ESU - Windows 7/Wi...
- 1A: CustomerReady\_ESU - Windows Serv...

Selected configuration baselines:

- Filter...
- CB - Check client boundary group

Remediate noncompliant rules when supported

- Allow remediation outside the maintenance window

Generate an alert:

When compliance is below:  %

Date and time:

Generate System Center Operations Manager alert

Select the collection for this configuration baseline deployment.

Collection:

**Schedule**

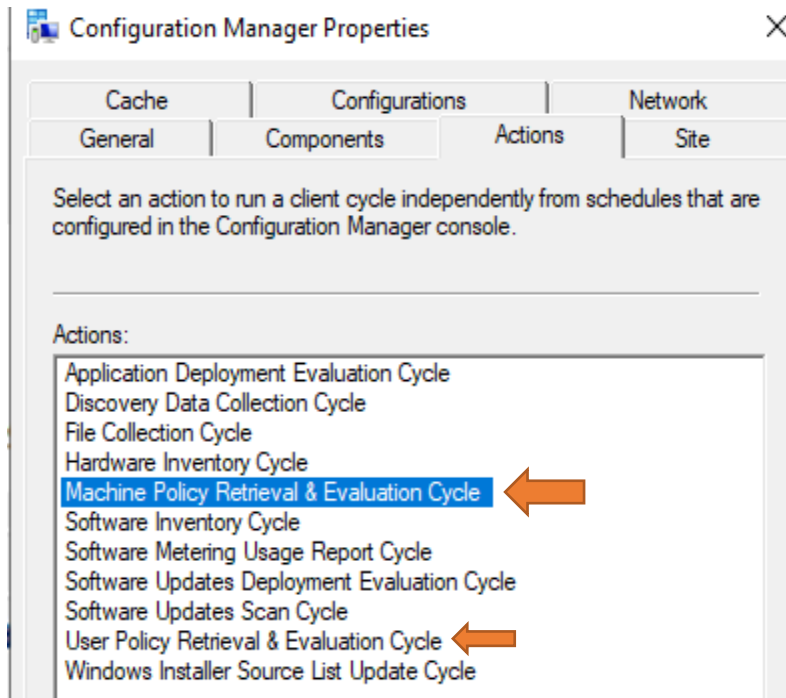
Specify the compliance evaluation schedule for this configuration baseline:

Simple schedule

Run every:

Custom schedule

## Refresh Machine and User policy



## Check Compliant status

Configuration Manager Properties

General | Components | Actions | Site

Cache | Configurations | Network

Assigned configuration baselines:

Name	Revision	Last Evaluati...	Complia...
CB - Check client boundary group	1	17-Feb-2020...	Compliant

Name	Scope	Required	Monitor	Baseline	Compliance	Last Update
CB - Check client boundary group	All Systems	Required	Monitor	Baseline	12.5	17-Feb-2020 10:40 AM
1A: CustomerReady_ESU - Windows Server 2008/2008 R2 - KB...	Win 7	Required	Monitor	Baseline	0.0	04-Feb-2020 4:16 PM
1B: CustomerReady_ESU - Windows 7 - KB Check - Pre-req KBs	Win 7	Required	Monitor	Baseline	0.0	04-Feb-2020 4:16 PM
CB - Office Activation	All Systems	Required	Monitor	Baseline	25.0	13-Sep-2019 10:01 AM
Edge Browser Profile for Win 10 workstations	Win 10	Required	Remediate	Configuration Policy	100.0	21-Jun-2019 1:43 PM
Bit Locker Policy MBAM	MBAM	Required	Remediate	Configuration Policy	100.0	06-Dec-2019 10:43 PM
Edition Upgrade to Entp Version	In Active Clients	Required	Remediate	Configuration Policy	0.0	21-Jun-2019 12:07 PM

CB - Check client boundary group Status to All Systems

General

Software: CB - Check client boundary group  
 Collection: All Systems  
 Feature Type: Baseline  
 Purpose: Required  
 Date Created: 17-Feb-2020 10:40 AM  
 Last Date Modified: 17-Feb-2020 10:40 AM

Compliance Statistics

Total Asset Count: 8 (Last Update: 17-Feb-2020 10:42:51 AM) [View Status](#)

- Compliant: 1
- Error: 0
- Non-Compliant: 0
- Unknown: 7

Related Objects

- Collection
- Baseline

This concludes Boundary group baseline configuration compliant status.

Thanks

Ram Lan

17<sup>th</sup> 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"  
}
```