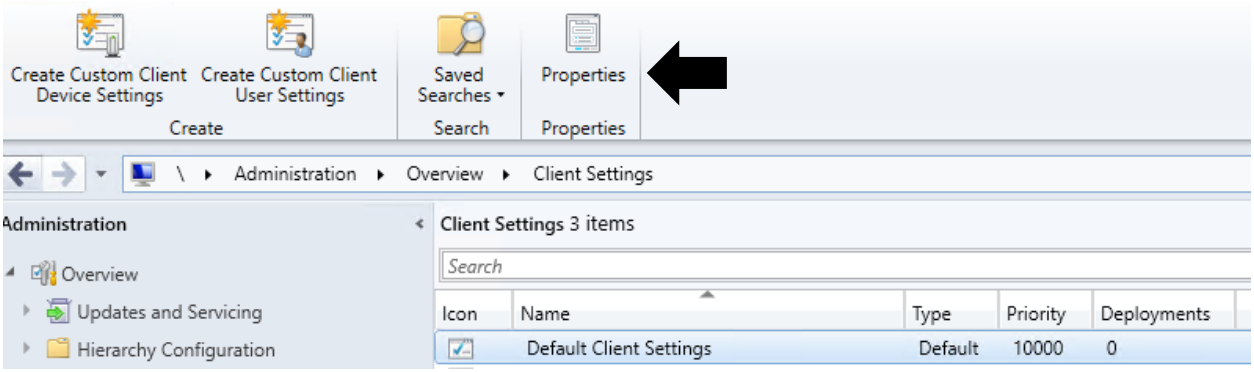
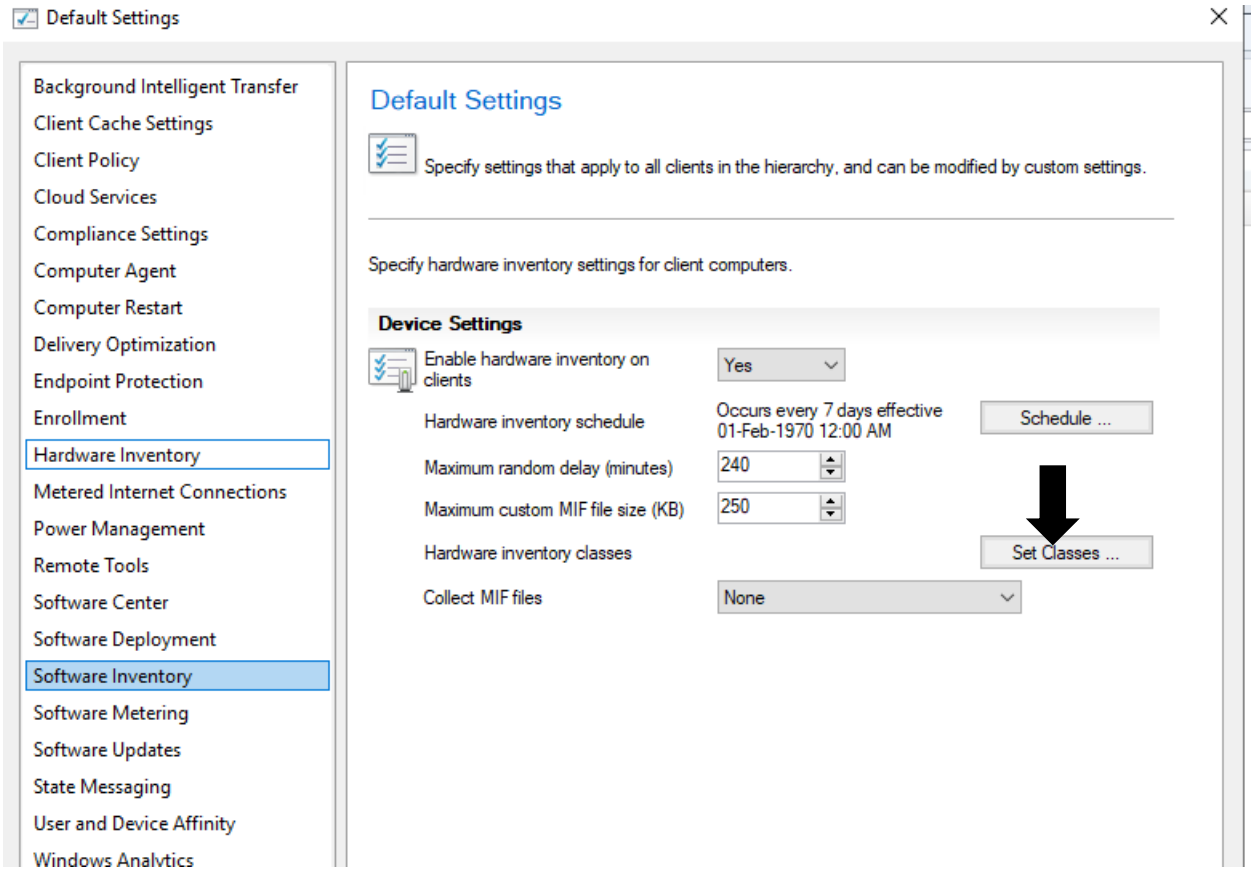
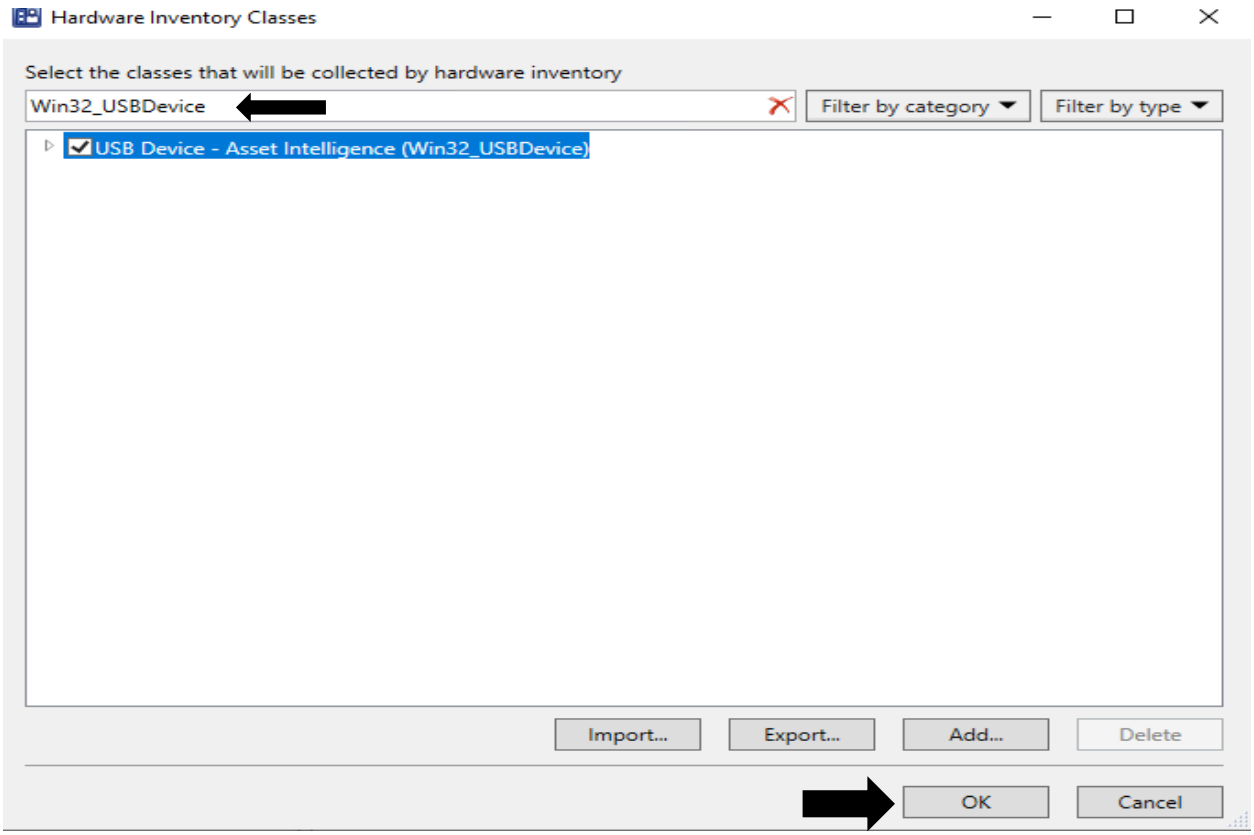
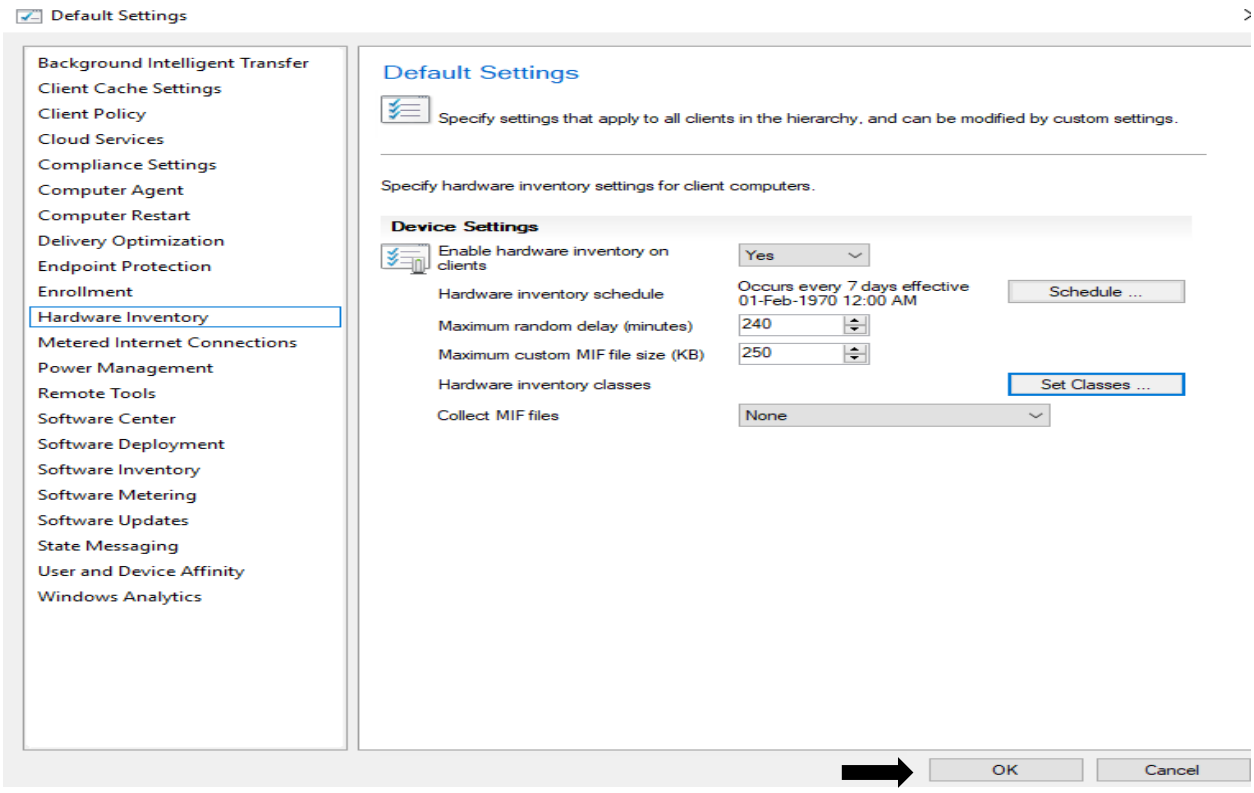
USB Device Inventory

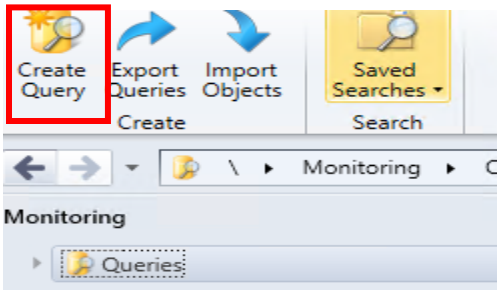
In this post, I will show you how to create a query for USB devices and get a report of computers that have USB attached to their system. This will be useful, if the company has implemented a policy where USB device are forbidden.

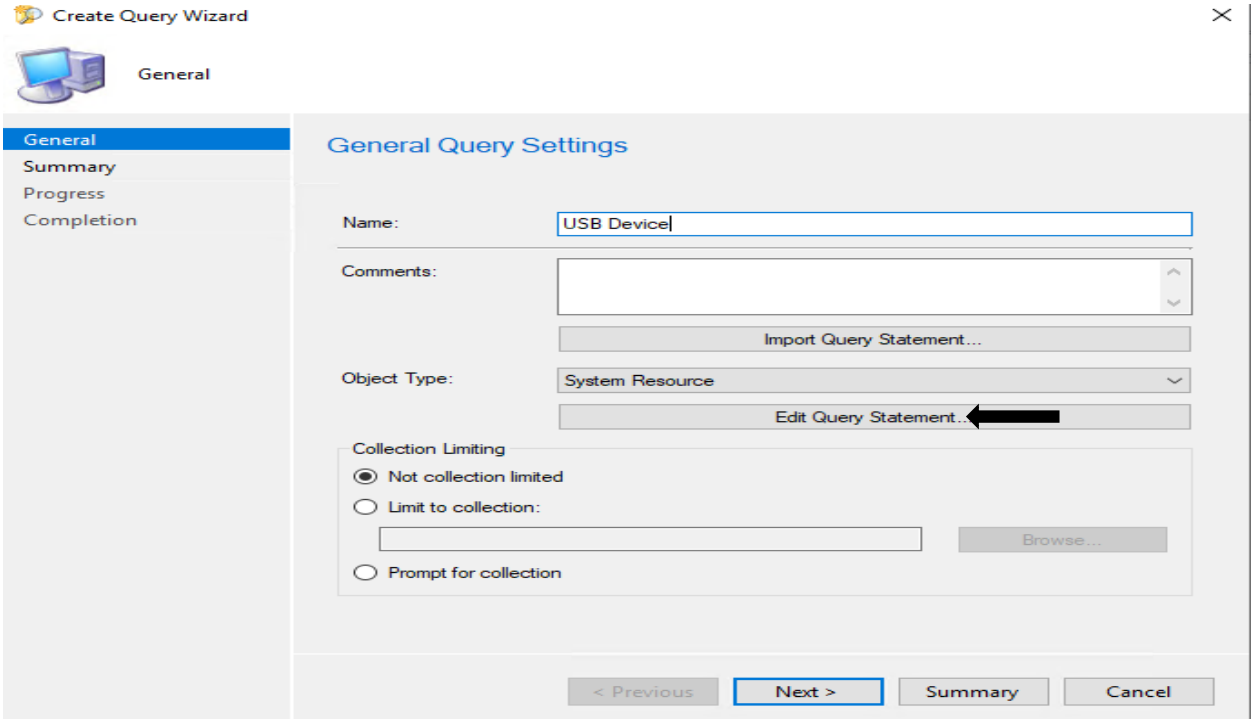


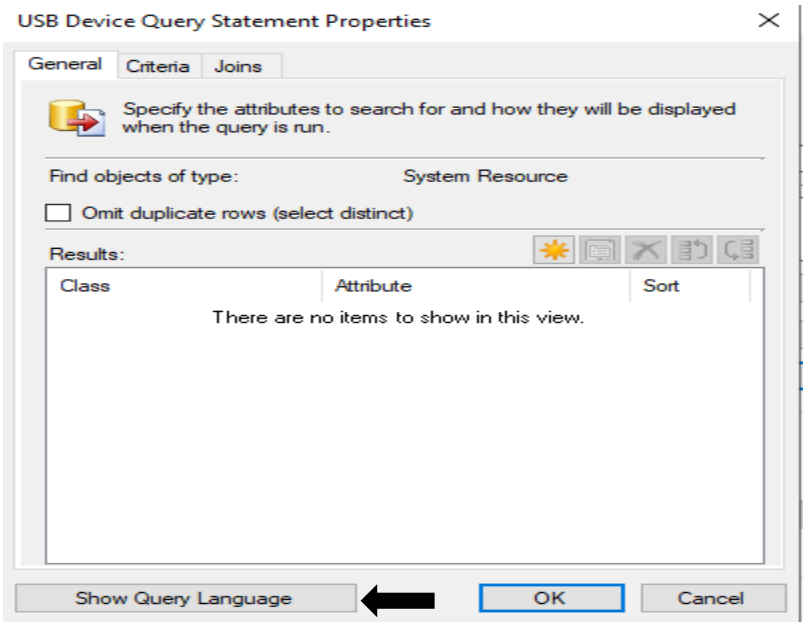



Hardware Inventory Classes
Select the classes that will be collected by hardware inventory
Win32_USBDevice
Filter by category
Filter by type
USB Device - Asset Intelligence (Win32_USBDevice)
Import...
Export...
Add...
Delete
OK
Cancel

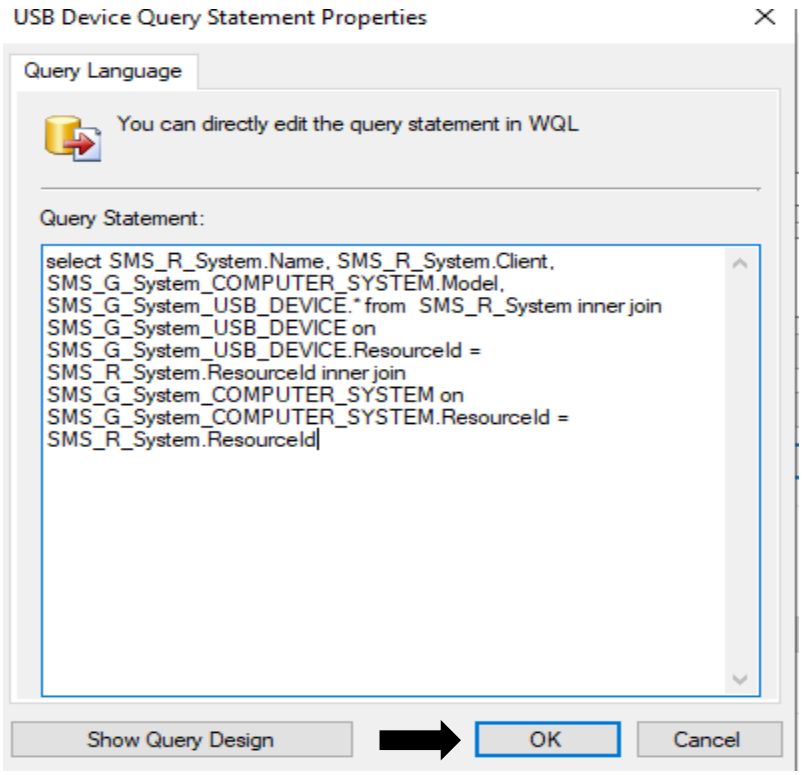

Default Settings
Background Intelligent Transfer
Client Cache Settings
Client Policy
Cloud Services
Compliance Settings
Computer Agent
Computer Restart
Delivery Optimization
Endpoint Protection
Enrollment
Hardware Inventory
Metered Internet Connections
Power Management
Remote Tools
Software Center
Software Deployment
Software Inventory
Software Metering
Software Updates
State Messaging
User and Device Affinity
Windows Analytics
Default Settings
Specify settings that apply to all clients in the hierarchy, and can be modified by custom settings.
Specify hardware inventory settings for client computers.
Device Settings
Enable hardware inventory on clients
Yes
Hardware inventory schedule
Occurs every 7 days effective 01-Feb-1970 12:00 AM
Schedule ...
Maximum random delay (minutes)
240
Maximum custom MIF file size (KB)
250
Hardware inventory classes
Set Classes ...
Collect MIF files
None
OK
Cancel

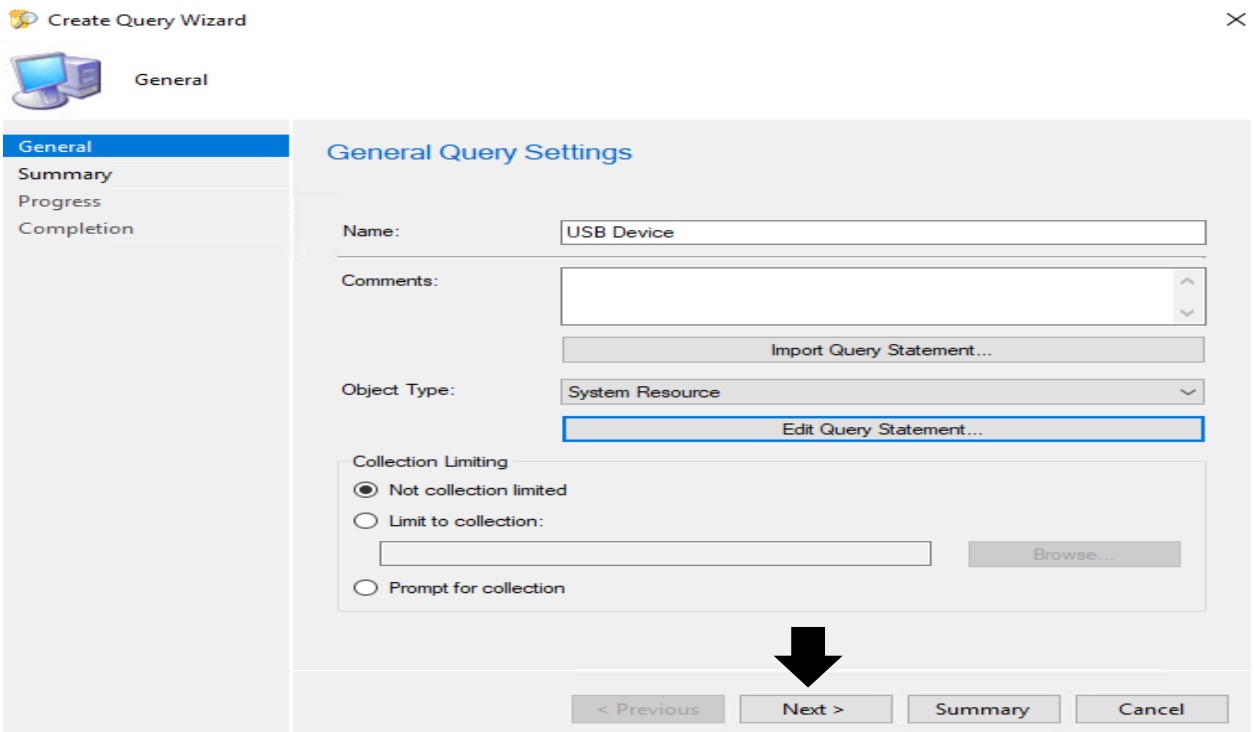

Create Query
Export Queries
Import Objects
Create
Saved Searches
Search
Monitoring
Monitoring
Queries

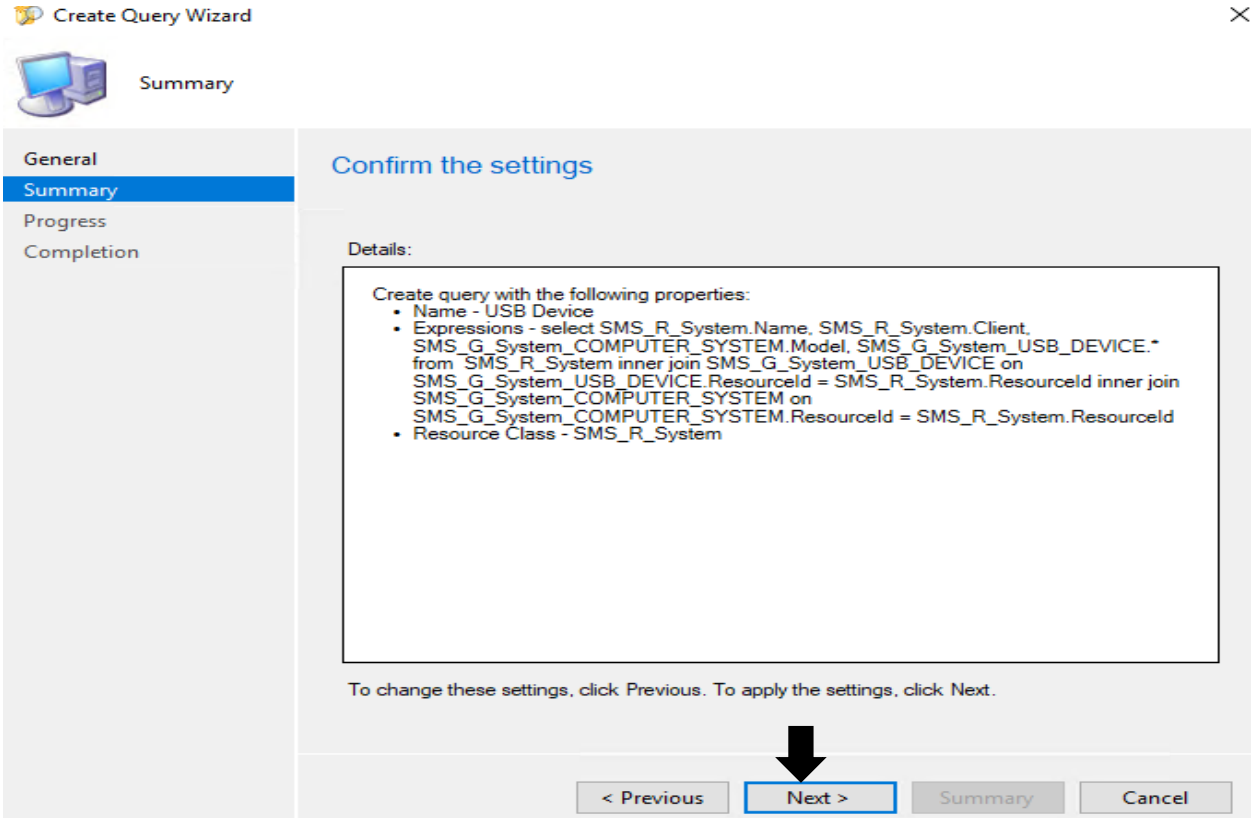

Create Query Wizard
General
General
Summary
Progress
Completion
General Query Settings
Name:
USB Device
Comments:
Import Query Statement...
Object Type:
System Resource
Edit Query Statement...
Collection Limiting
Not collection limited
Limit to collection:
Browse...
Prompt for collection
< Previous
Next >
Summary
Cancel

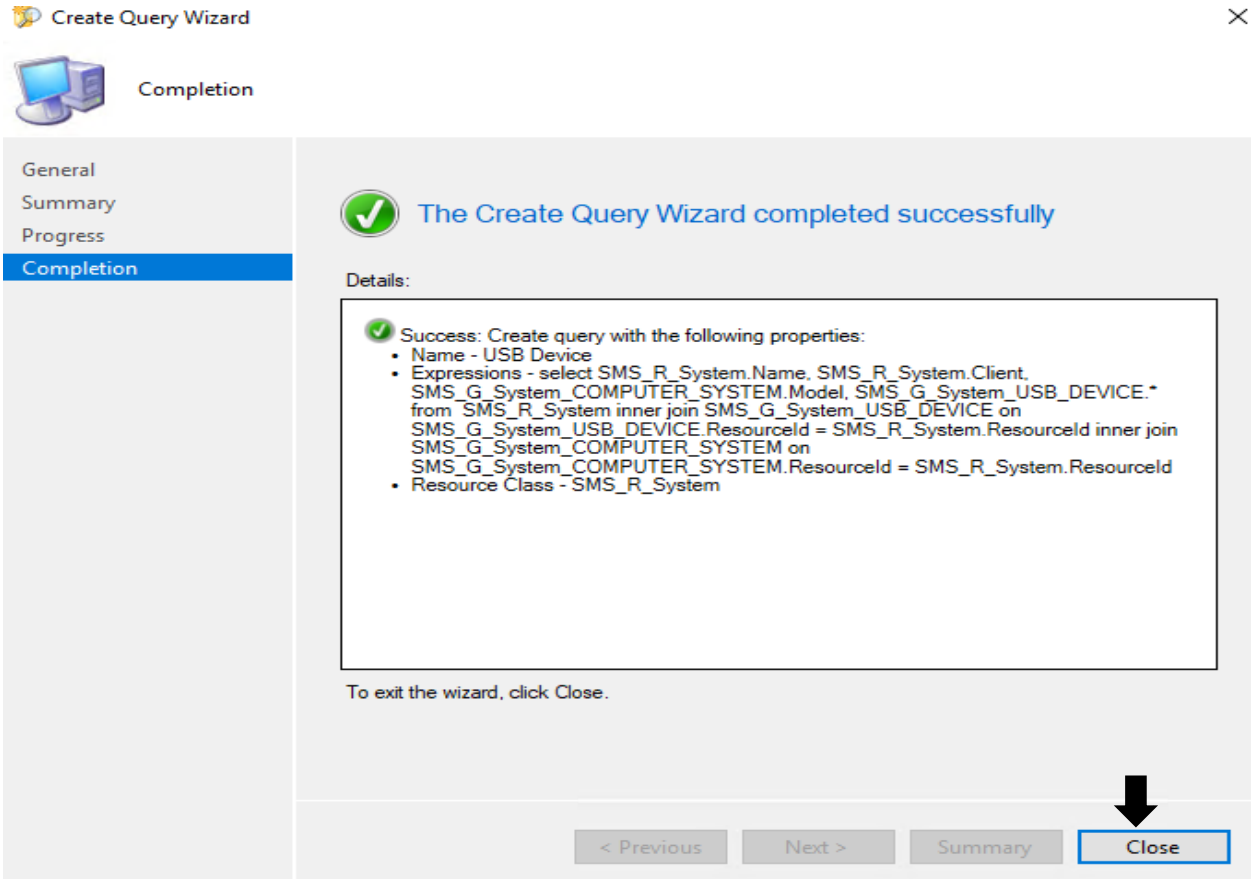

USB Device Query Statement Properties
General
Criteria
Joins
Specify the attributes to search for and how they will be displayed when the query is run.
Find objects of type:
System Resource
Omit duplicate rows (select distinct)
Results:
Class
Attribute
Sort
There are no items to show in this view.
Show Query Language
OK
Cancel

select SMS_R_System.Name, SMS_R_System.Client, SMS_G_System_COMPUTER_SYSTEM.Model, SMS_G_System_USB_DEVICE.* from SMS_R_System inner join SMS_G_System_USB_DEVICE on SMS_G_System_USB_DEVICE.ResourceId = SMS_R_System.ResourceId inner join SMS_G_System_COMPUTER_SYSTEM on SMS_G_System_COMPUTER_SYSTEM.ResourceId = SMS_R_System.ResourceId

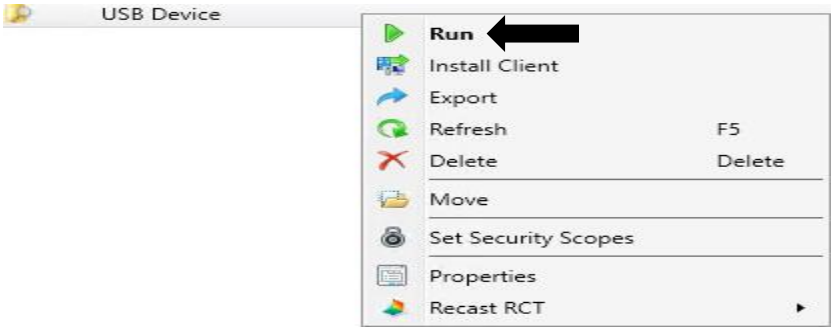




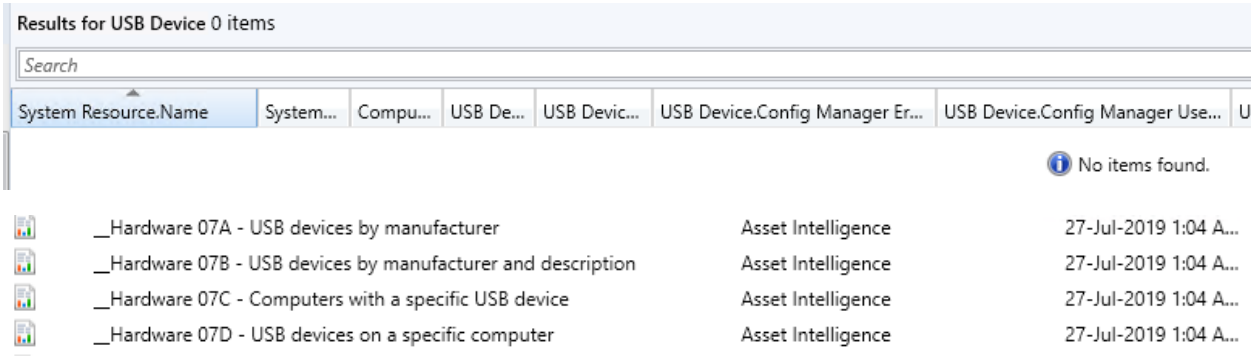

Create Query Wizard
Summary
General
Summary
Progress
Completion
Confirm the settings
Details:
Create query with the following properties:
• Name - USB Device
• Expressions - select SMS_R_System.Name, SMS_R_System.Client, SMS_G_System_COMPUTER_SYSTEM.Model, SMS_G_System_USB_DEVICE.* from SMS_R_System inner join SMS_G_System_USB_DEVICE on SMS_G_System_USB_DEVICE.ResourceId = SMS_R_System.ResourceId inner join SMS_G_System_COMPUTER_SYSTEM on SMS_G_System_COMPUTER_SYSTEM.ResourceId = SMS_R_System.ResourceId
• Resource Class - SMS_R_System
To change these settings, click Previous. To apply the settings, click Next.
< Previous
Next >
Summary
Cancel


Create Query Wizard
Completion
General
Summary
Progress
Completion
The Create Query Wizard completed successfully
Details:
Success: Create query with the following properties:
• Name - USB Device
• Expressions - select SMS_R_System.Name, SMS_R_System.Client, SMS_G_System_COMPUTER_SYSTEM.Model, SMS_G_System_USB_DEVICE.* from SMS_R_System inner join SMS_G_System_USB_DEVICE on SMS_G_System_USB_DEVICE.ResourceId = SMS_R_System.ResourceId inner join SMS_G_System_COMPUTER_SYSTEM on SMS_G_System_COMPUTER_SYSTEM.ResourceId = SMS_R_System.ResourceId
• Resource Class - SMS_R_System
To exit the wizard, click Close.
< Previous
Next >
Summary
Close

Now select the query and run



You can also use below reports that are available in Reporting section – Asset Intelligence



This concludes USB query.

Thanks

Ram Lan
29th Feb 2020