

## ConfigMgr Console Queries: Serial Number

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# ConfigMgr Console Queries: Serial Number

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To create a query in ConfigMgr, open the console and navigate to Monitoring > Queries. Queries allow you to run simple WQL queries again the database. I will illustrate how to make one by creating one that searches for a device serial number.

You can create the query by using the same information that is used to create collections.

### Creating the Query

Select “Create Query” from the ConfigMgr ribbon. Give your query a name. You also have the option of limiting a query to a particular collection, either by specifying it directly, or prompting the user for it.

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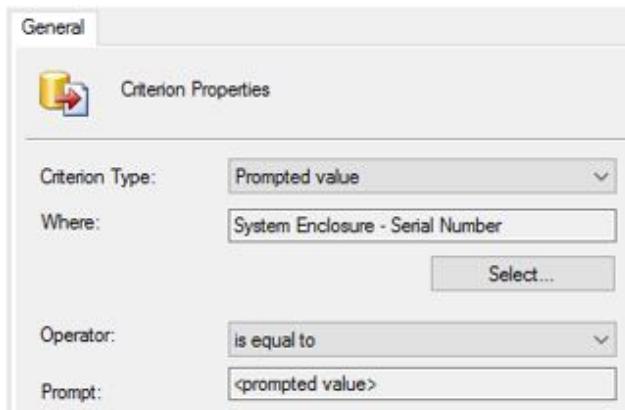
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Next, we move to the criteria tab. Again, it functions just like building a collection:



Now, the big question here is how do we get this to prompt for a value. Here is what the serial number criteria looks like as a query without the prompt (I entered a value of 1 so that I could apply the query):

```
select SMS_R_System.Name, SMS_G_System_SYSTEM_ENCLOSURE.SerialNumber
```

```
from SMS_R_System inner join SMS_G_System_SYSTEM_ENCLOSURE on
SMS_G_System_SYSTEM_ENCLOSURE.ResourceID = SMS_R_System.ResourceID
```

```
where SMS_G_System_SYSTEM_ENCLOSURE.SerialNumber = "1"
```

To make it prompt, simply change the where clause after the equal sign to:

```
##PRM:SMS_G_System_SYSTEM_ENCLOSURE.SerialNumber##
```

It's basically what the where clause is looking for, bracketed by ## and PRM; so our query becomes

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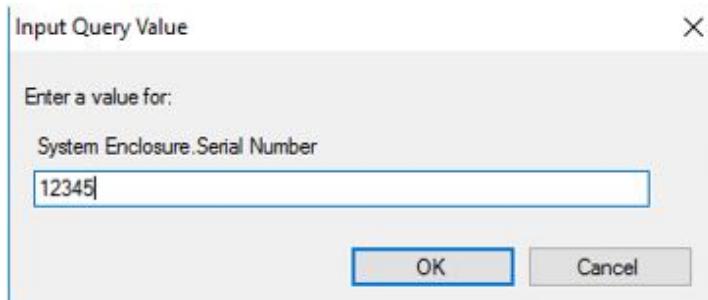
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```
select SMS_R_System.Name, SMS_G_System_SYSTEM_ENCLOSURE.SerialNumber
```

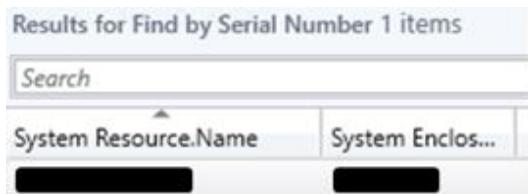
```
from SMS_R_System inner join SMS_G_System_SYSTEM_ENCLOSURE on  
SMS_G_System_SYSTEM_ENCLOSURE.ResourceID = SMS_R_System.ResourceID
```

```
where SMS_G_System_SYSTEM_ENCLOSURE.SerialNumber =  
##PRM:SMS_G_System_SYSTEM_ENCLOSURE.SerialNumber##
```

After that is set up, you can execute it and get your info:

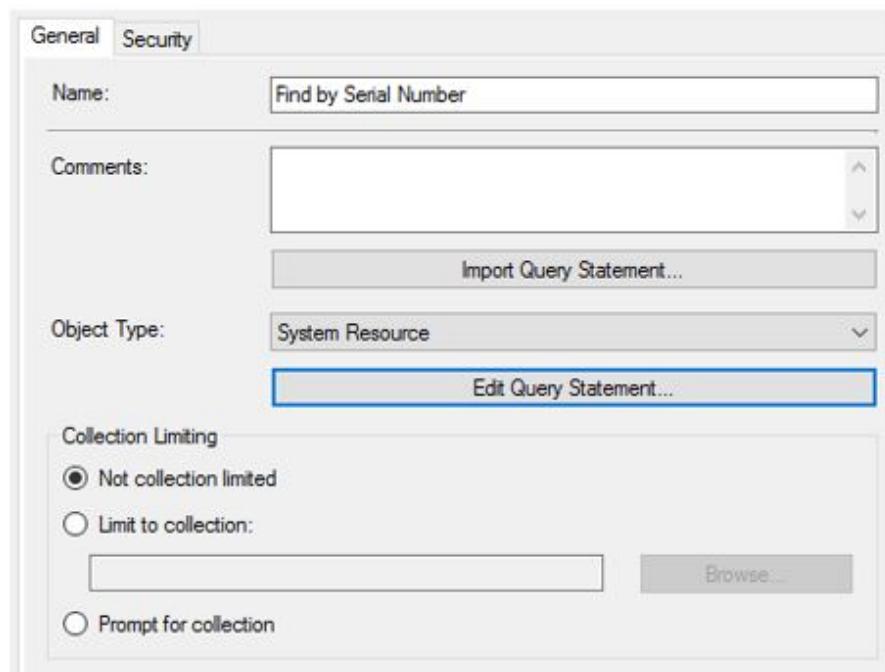


Returns:



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When you click "Edit Query Statement", you are greeted with the same wizard that is using to construct collection queries:

require all participants to wait in the lobby.  
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This first screen is where you tell ConfigMgr what information to display. Since I am finding a computer name using the serial number, those are the two fields I have chosen. When you click the add button, you are greeted with the screen to pick the attribute:

Simply find the attributes that you want to display. If you're writing a query that will return multiple want to set the "Sort" option to at least one of them so that you get a sorted list. [Click here](#) to read our privacy policy. Okay



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