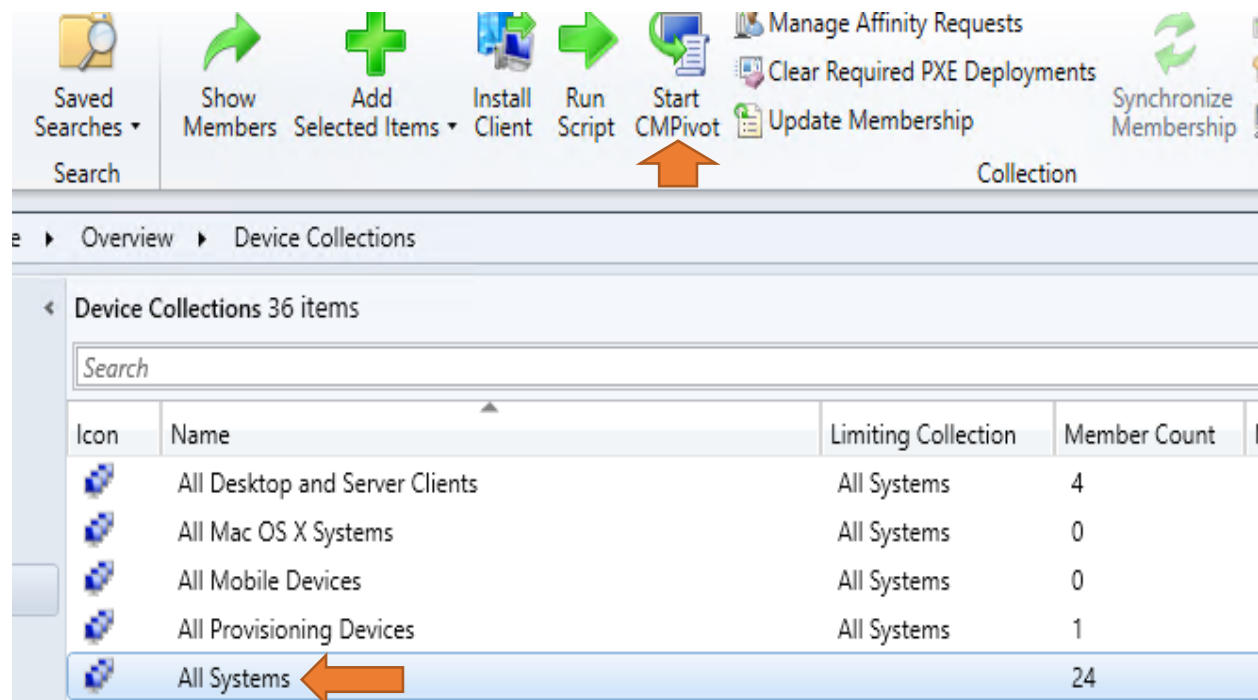
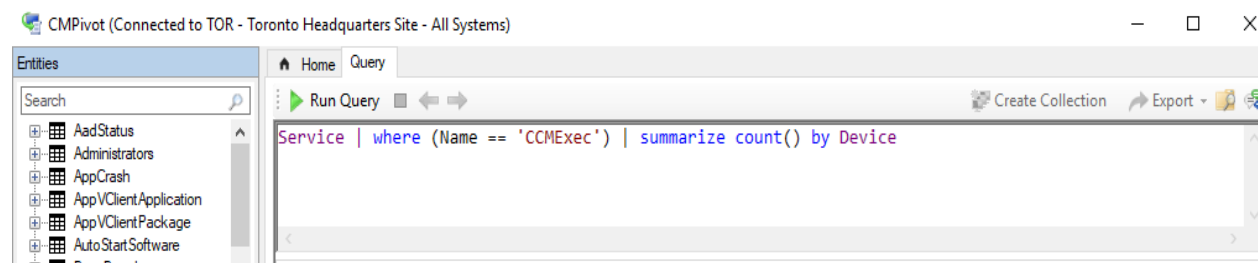


## How to find Installed Service and Local Administrators using CMPivot

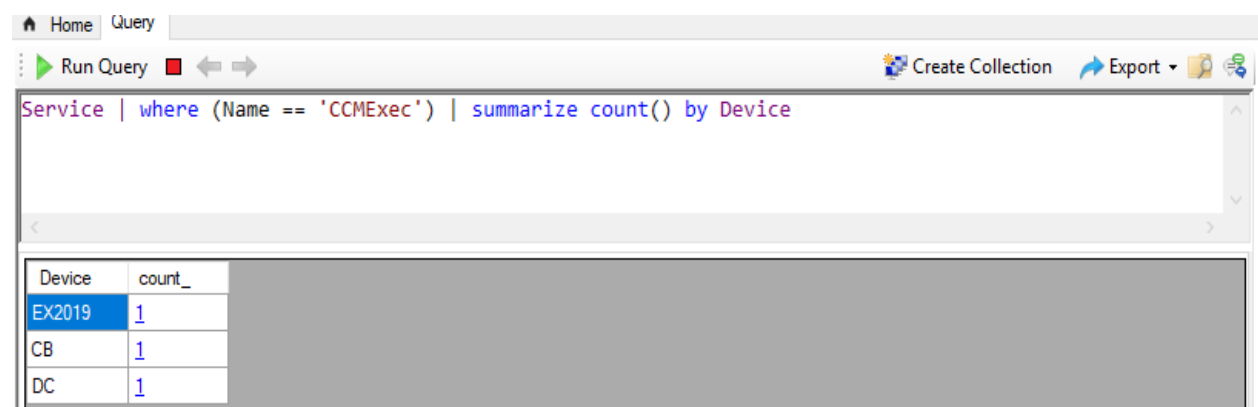
In this post, I am going to use CMPivot to find out installer services and local administrators on workstations within the network.



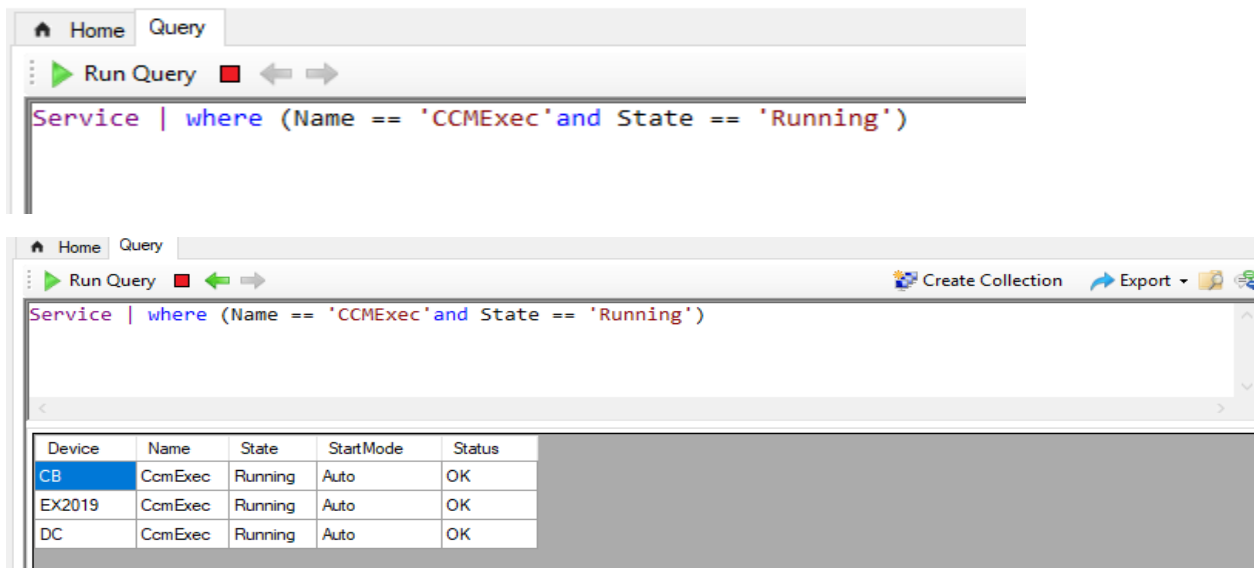
For this example – I want to find out CCExec service on All Systems



The Result



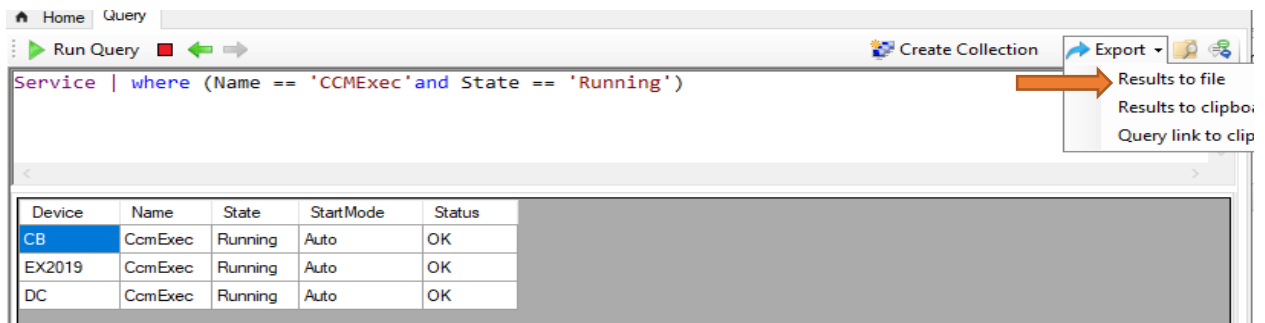
I am going to try this one



The screenshot shows the CMPivot Query interface. The query entered is `Service | where (Name == 'CCMExec' and State == 'Running')`. The results table is displayed below the query editor.

Device	Name	State	StartMode	Status
CB	CcmExec	Running	Auto	OK
EX2019	CcmExec	Running	Auto	OK
DC	CcmExec	Running	Auto	OK

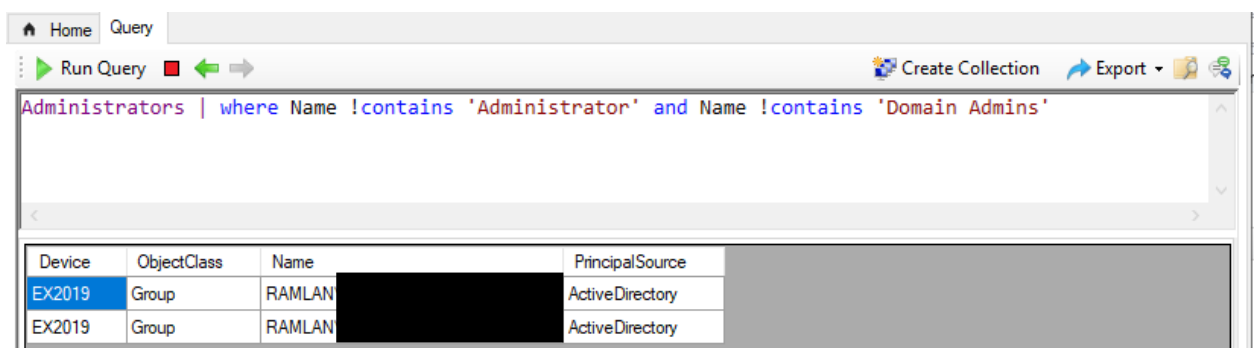
If you want to export the result to a file – we can do that as well



The screenshot shows the CMPivot Query interface with the `Export` dropdown menu open. The menu options are: `Results to file`, `Results to clipboard`, and `Query link to clipboard`. An orange arrow points to the `Export` button.

Device	Name	State	StartMode	Status
CB	CcmExec	Running	Auto	OK
EX2019	CcmExec	Running	Auto	OK
DC	CcmExec	Running	Auto	OK

We can try same for Local Administrators as well



The screenshot shows the CMPivot Query interface. The query entered is `Administrators | where Name !contains 'Administrator' and Name !contains 'Domain Admins'`. The results table is displayed below the query editor.

Device	ObjectClass	Name	PrincipalSource
EX2019	Group	RAMLAN	ActiveDirectory
EX2019	Group	RAMLAN	ActiveDirectory

This is how we can make the best use of CMPivot for running various query within CB2103.

Thanks

Ram Lan

7<sup>th</sup> May 2021