# 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.

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e	۲	Overvie	w      Device Collections					
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		Search						
		Icon Name					Limiting Collection	Member Count
		ø	All Desktop and Server Clients			All Systems 4		
		ø.	All Mac OS X Systems				All Systems	0
		ø.	All Mobile Devices				All Systems	0
		ø	All Provisioning Devices				All Systems	1
		All Systems						24

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

#### CMPivot (Connected to TOR - Toronto Headquarters Site - All Systems)

🤄 CMPivot (Connected to TOR -	Toronto Headquarters Site - All Systems)		-		Х
Entities	A Home Query				
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AadStatus     Administrators     AppCrash     AppVClientApplication	Service   where (Name == 'CCMExec')   summarize count() by Device				^
AppVClientPackage     AutoStartSoftware					>

#### The Result

A Home Query											
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Service	where (	Name == 'CCMExec')   summarize count() by Device		^							
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Device	count_										
EX2019	<u>1</u>										
СВ	1										
DC	1										

## I am going to try this one

<ul> <li>Home</li> </ul>	Query						
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Servic	e   whe	ere (N	ame == '	CCMExec	<pre>'and State == 'Running')</pre>		
Home	Query						
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▶ Run Q	uery 🔳 🔶	-	1.0.010			eate Collection	ik Export 👻 💕
▶ Run Q	uery 🔳 🔶	-	- 'CCMExec	and State	₽ == 'Running')	eate Collection	★ Export ▼ 20 €
▶ Run Q	uery 🔳 🔶	-	<ul> <li>'CCMExec</li> <li>StartMode</li> </ul>	and State		eate Collection	★ Export + 2 €
▶ Run Q Service	uery 🔳 🗲	(Name ==				eate Collection	→ Export •
Run Q Gervice	uery <b>= (</b> where Name	(Name == State	StartMode	Status		eate Collection	★ Export + 2 €

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

A Home Query										
🕨 Run Query 🔳 🖛 🔿 Export 🗸 🗊 😪										
Service   where (Name == 'CCMExec'and State == 'Running')										
							Results to clipbo			
							Query link to clip			
1							3			
Device	Name	State	StartMode	Status			-			
СВ	CcmExec	Running	Auto	ок						
EX2019	CcmExec	Running	Auto	ок						
DC	CcmExec	Running	Auto	ок						

We can try same for Local Administrators as well

A Home Q	luery								
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Administr	rators   whe	re Name !c	contains	'Administr	rator' a	and Name	!contains	'Domain Admins'	^
<									
Device	ObjectClass	Name		I	PrincipalSou	urce			
EX2019	Group	RAMLAN		A	ctiveDirecto	ory			
EX2019	Group	RAMLAN		A	ctiveDirecto	ory			

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

Thanks

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