Find installed software on client machine using CMPivot

In this post, I will run a short script to get list of applications installed on a client machine. For this example, I will use client DC.

P	LAPS assword DC	Add Selected Items •	Install Client	Run Script	Start CMPivot	Install Application	Reassign Site	Client Settings +	Start	Approve	Block U	
•	Overvie	w > Devices										
<	Devices 28 items											
	Search											
	lcon	Name		Client	Prima	ry User(s)	Currently	Logged on	User	Site Co	ode	
	1	SP2019		No								
	d internet in the second se	TORADES		No								
	1	SM1		No								
	din 📰	RRAS		No								
	1	DC		Yes			RAMLA	V\Administr	ator	TOR		

Select InstalledSoftware and click Run Query – After some time you will see the result.

Entities	3	♠ Home	Query					
Searc	zh 🖉	E Nun C	uery		-			
	AadStatus	-			r			
	Administrators	Ins						
⊕ ⊕ AppCrash ☐ AppCrash ☐								
AppVClientPackage								
	Auto Start Software							
÷…	BaseBoard							
Home								
⊳ Run C	Query 🔳 🖛 🔿						A Export 👻	
nstall	edSoftware							
Device	ProductName				Publisher	ProductVersion	SoftwareCode	
DC	EPSON WorkForce 630 Series Printer Uninstall				SEIKO EPSON Corporation	Troduct version	epson workforce 630 series	
DC	EPSON Scan				Seiko Epson Corporation		epson scanner	
DC	EpsonNet Print				SEIKO EPSON CORPORATION	2.4i	{3e31400d-274e-4647-916c-2cacc3741799}	
DC	EpsonNet Setup 3.3			SEIKO EPSON CORPORATION		{c9d8a041-2963-4b31-8ffc-1500f3db9293}		
DC	PuTTY release 0.74 (64-bit)				Simon Tatham	0.74.0.0	{127b996b-5308-4012-865b-9446451ea326}	
DC	SolarWinds TFTP Server			SolarWinds	11.0.4.0	{470df489-ba3a-410b-b902-11e287d81bc6}		
DC	ClipGrab 3.9.6			The ClipGrab Project		{8a1033b0-ef33-4fb5-97a1-c47a7dcdd7e6}_is1		
DC	CMMap			TondtWare 2.2 (#a5f1f2-8a28-45fa-bfaa-622		{ffa5f1f2-8a28-45fa-bfaa-622bd2c7574a}		
DC	Rapport				Trusteer	3.5.2004.84	{1dd81e7d-0d28-4ceb-87b2-c041a4fcb215}	
DC	Trusteer Endpoint Protection				Trusteer	3.5.2004.84	rapport_msi	
DC	Veeam Explorer for Oracle				Veeam Software Group GmbH	10.0.3.179	{2fb6b730-9d42-4ae2-b7c5-fdd71cbe124c}	
DC	Veeam Explorer for Microsoft Exchange				Veeam Software Group GmbH	10.0.3.179	{98ec8590-a491-481d-acb1-b505517b5965}	
DC	Veeam Agent for Mac Redistributable				Veeam Software Group GmbH	1.0.0.713	{0d8fe311-b39a-4bf8-ba0a-8a6dc41f947f}	
DC	Veeam Explorer for Microsoft Teams				Veeam Software Group GmbH	10.0.3.179	{51720661-5d5d-491f-84cc-9a73d4c95538}	
DC	Veeam Agent for Linux Redistributable				Veeam Software Group GmbH	5.0.0.4318	{ae3c9cd1-45f9-4169-9e4f-f3b8f46565fb}	
DC	Veeam Explorer for Microsoft SharePoint	Veeam Explorer for Microsoft SharePoint			Veeam Software Group GmbH	10.0.3.179	{481a04a4-8a30-482c-b3e1-55ce27274340}	
DC	Veeam Explorer for Microsoft SQL Server				Veeam Software Group GmbH	10.0.3.179	{fe8287d4-2264-4adf-8bbb-a55784b56a79}	
DC	AWS Plug-in UI Extension for Veeam Backup & Replicat	ion			Veeam Software Group GmbH	11.0.3.1132	{78c8ac15-a94c-4b4f-a972-10bc841c24e8}	
	Veeam Mount Service	Veeam Mount Service			Veeam Software Group GmbH	11.0.0.839	{926525c6-3588-4e00-bea3-2615de45b29c}	
	Veeam Backup & Replication Server				Veeam Software Group GmbH	11.0.0.837	{3871f7d6-1572-46d8-83fd-de15819ab864}	
DC	Veeam Backup Transport				Veeam Software Group GmbH Veeam Software Group GmbH			
DC DC		Veeam Backup & Replication Console				11.0.0.837 2.0.0.303	{9e7ed35a-0e29-4160-a1c7-597ad9b57d08}	
							{e4d9d72b-62ec-49a3-a007-a58f1b822d17}	
DC DC DC DC	Microsoft Azure Plug-in for Veeam Backup & Replication				Veeam Software Group GmbH 11.0.0.837 {a2c77a2b-59ab-477d-b97e-433ad9dcea			
DC DC DC DC DC	Microsoft Azure Plug-in for Veeam Backup & Replication Veeam Backup Catalog							
DC DC DC DC DC DC DC	Microsoft Azure Plug-in for Veeam Backup & Replication Veeam Backup Catalog Veeam Agent for Microsoft Windows Redistributable				Veeam Software Group GmbH	5.0.0.4301	{2a004f4b-c44c-4bd4-bcf6-bb3b5227a60e}	
DC DC DC DC DC DC DC DC	Microsoft Azure Plug in for Veeam Backup & Replication Veeam Backup Catalog Veeam Agent for Microsoft Windows Redistributable Veeam Explorer for Microsoft Active Directory				Veeam Software Group GmbH	10.0.3.179	{31332a6b-26a6-41ae-8a03-20fb8cc34ed9}	
DC D	Microsoft Azure Plug-in for Veeam Backup & Replication Veeam Backup Catalog Veeam Agent for Microsoft Windows Redistributable Veeam Explorer for Microsoft Active Directory AWS Plug-in for Veeam Backup & Replication				Veeam Software Group GmbH Veeam Software Group GmbH	10.0.3.179 11.0.3.1132	{31332a6b-26a6-41ae-8a03-20fb8cc34ed9} {a38d0d0d+528-4dc3-aaf5-edde16771147}	
DC DC DC DC DC DC DC DC	Microsoft Azure Plug in for Veeam Backup & Replication Veeam Backup Catalog Veeam Agent for Microsoft Windows Redistributable Veeam Explorer for Microsoft Active Directory				Veeam Software Group GmbH	10.0.3.179	{31332a6b-26a6-41ae-8a03-20fb8cc34ed9}	

Query completed on 1 of 1 clients

id(16801063) | DC | 251 objects

If you want to run the query for a specific device - then use this command

InstalledSoftware | Where Device == 'device name'

▶ Run Q	luery 📕 🖛 🔿	💱 Create Col	💱 Create Collection 🛛 🥕 Export 👻 💕 🤅					
	edSoftware Device == 'ex2019'							
Device	ProductName	Publisher	ProductVersion	Softwa				
EX2019	Office 16 Click-to-Run Extensibility Component	Microsoft Corporation	16.0.10359.20023	{90160				
EX2019	Office 16 Click-to-Run Localization Component	Microsoft Corporation	16.0.10359.20023	{90160				
EX2019	Office 16 Click-to-Run Licensing Component	Microsoft Corporation	16.0.10359.20023	{90160				
EX2019	Veeam Agent for Microsoft Windows	Veeam Software Group GmbH	5.0.0.4301	{09280				
EX2019	Microsoft Visual C++ 2013 x86 Minimum Runtime - 12.0.40660	Microsoft Corporation	12.0.40660	{e30d8				
EX2019	Microsoft Visual C++ 2010 x64 Redistributable - 10.0.40219	Microsoft Corporation	10.0.40219	{1d8e6				
EX2019	Microsoft Visual C++ 2010 x86 Redistributable - 10.0.40219	Microsoft Corporation	10.0.40219	{f0c3e5				
EX2019	Microsoft Azure AD Connect Agent Updater	Microsoft Corporation	1.5.181.0	{12b07				
EX2019	Veritas System Recovery 21	Veritas Technologies LLC	21.0.3.62137	{34022				
EX2019	Microsoft Exchange 2007 Enterprise Anti-spam Signatures	Microsoft Corporation	3.3.4604.600	{93fcff4				
EX2019	Microsoft Visual C++ 2012 x86 Minimum Runtime - 11.0.60610	Microsoft Corporation	11.0.60610	{e7d4e				
EX2019	Microsoft Visual C++ 2013 x64 Minimum Runtime - 12.0.40664	Microsoft Corporation	12.0.40664	{53cf65				
EX2019	Microsoft Exchange Server	Microsoft Corporation	15.2.858.5	{cd981:				
EX2019	Microsoft Exchange Server Language Pack - Italian	Microsoft Corporation	15.2.858.5	{521e6				
EV0040 ≪	14 ACT O 1 D 1 1	11 A.C. 11	45 0 050 F	(rot 0				

If you want to run a query for a **specific product** against a specific device

InstalledSoftware | where Device == 'DC' and ProductName == 'Visual Studio Professional 2019'

If you want to run a query for a **specific publisher** against a specific device

InstalledSoftware | where Device == 'DC' and Publisher contains 'Microsoft'

In addition to the above methods there are several alterations that you do in the query and find the installed software information.

Thanks

Ram Lan 24th May 2021