Session 8-2023 | Azure Resource Graph

Your | hosts

Alex Verboon









https://twitter.com/alexverboon

https://www.linkedin.com/in/verboonalex/

https://github.com/alexverboon

https://www.verboon.info/

https://twitter.com/castello_johnny

<u> nttps://www.linkedin.com/in/giannicastaldi/</u>

https://github.com/KustoKing

<u> https://www.kustoking.com/</u>



Show | Agenda

Welcome
What is new/updates for KQL
Our Guest Morten Waltorp Knudsen
What did you do with KQL this month?

What's New – Microsoft Graph Logs

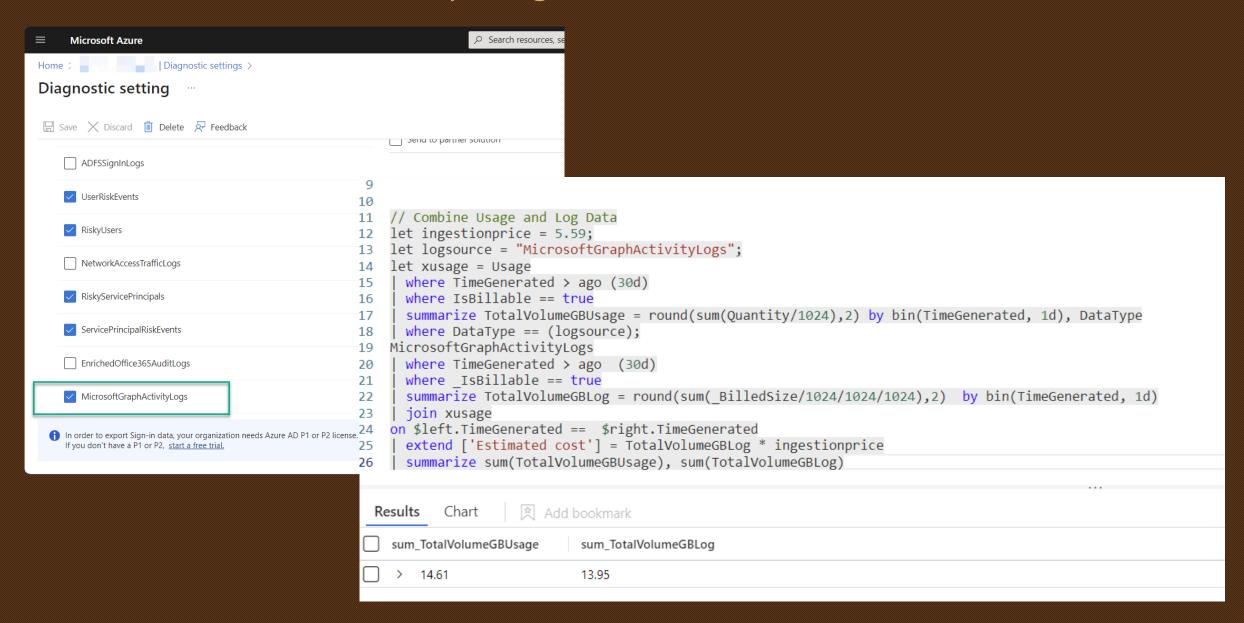
The Microsoft Graph Activity Logs include information about the request and client application. Some common use cases include:

- Identifying the activities that a compromised user account conducted in your tenant.
- Building detections and behavioral analysis to identify suspicious or anomalous use of Microsoft Graph APIs such as an application enumerating all users; or making probing requests with many 403 errors.
- Investigating unexpected or unnecessarily privileged assignments of application permissions.
- Identifying problematic or unexpected behaviors for client applications such as extreme call volumes that exhaust ratelimits for the tenant.

https://techcommunity.microsoft.com/t5/microsoft-entra-azure-ad-blog/microsoft-graph-activity-log-is-now-available-in-public-preview/ba-p/3848269

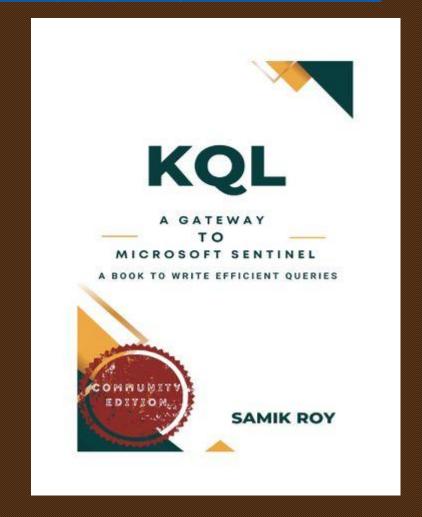
https://cloudbrothers.info/en/detect-threats-microsoft-graph-logs-part-1/

What's New – Microsoft Graph Logs



What's New: KQL: A Gateway To Microsoft Sentinel (Community Edition) (eBook)

https://store.pothi.com/book/ebook-samik-roy-kgl-gateway-microsoft-sentinel/



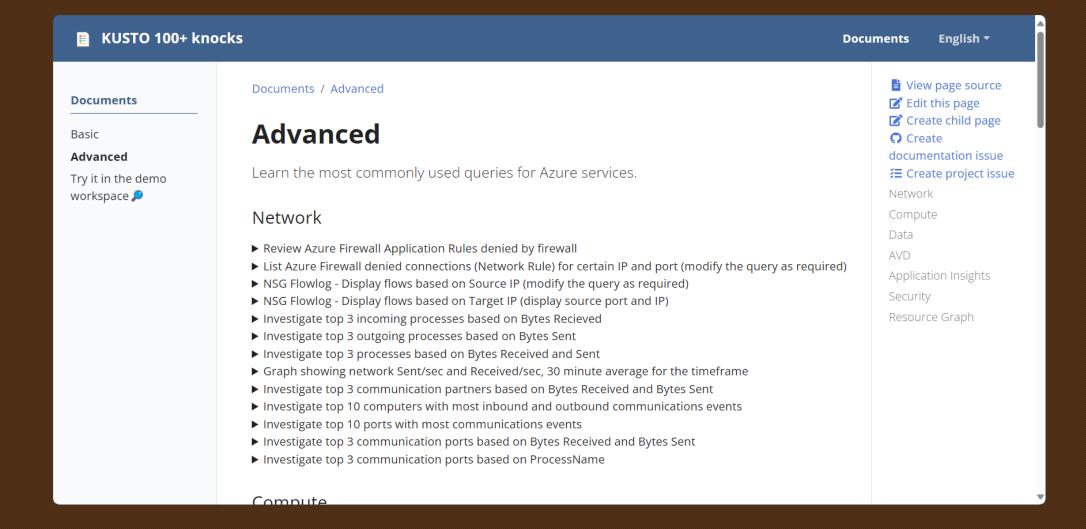
What's new: DefenderHarvester

https://medium.com/falconforce/microsoft-defender-for-endpoint-internals-0x05-telemetry-for-sensitive-actions-1b90439f5c25



KUSTO 100+ knocks

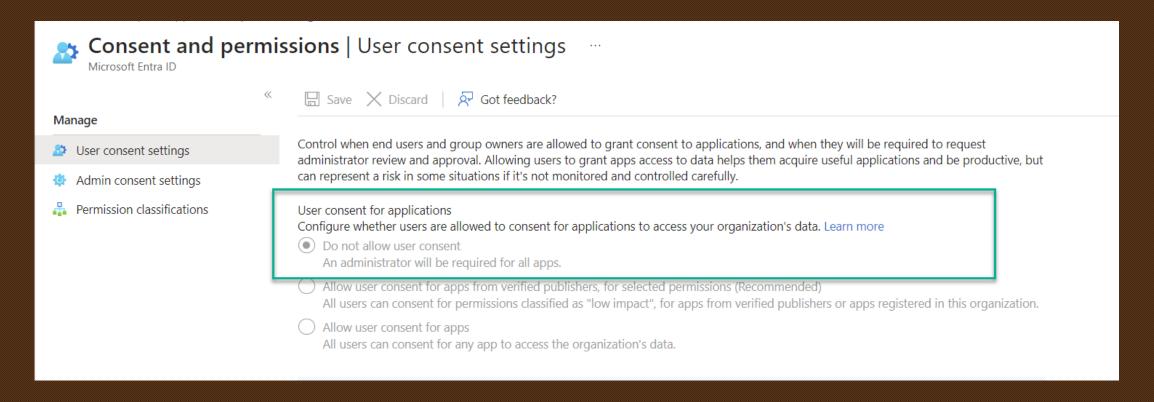
https://azure.github.io/fta-kusto100knocks/docs/

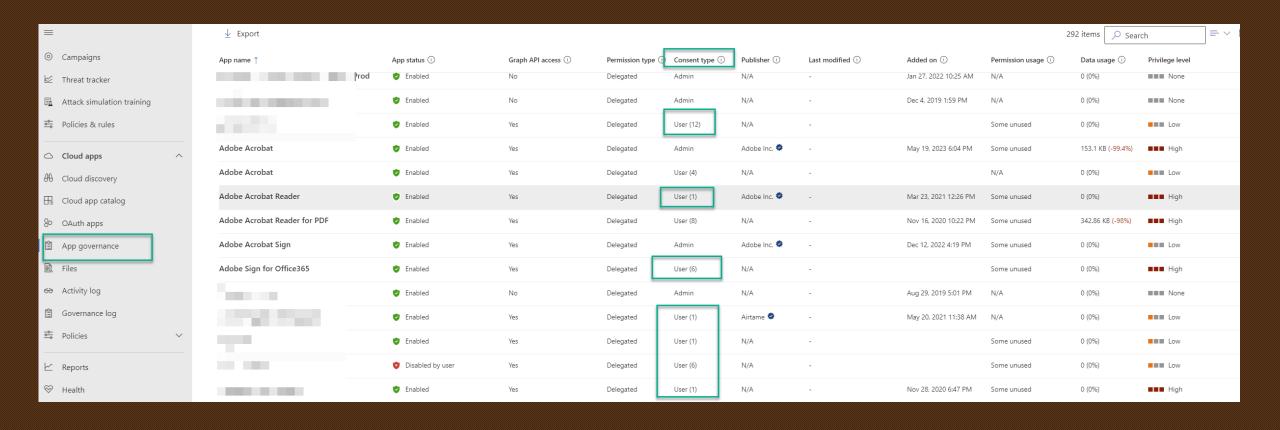


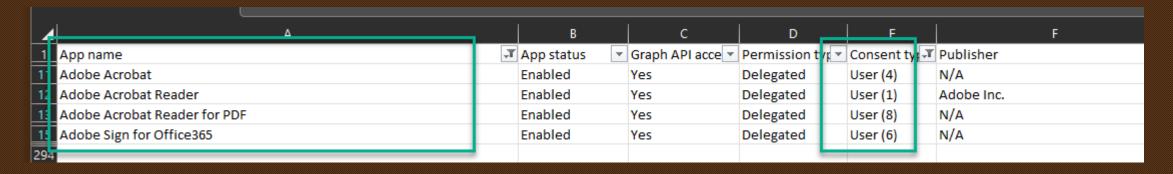
Guest: Morten Waltorp Knudsen

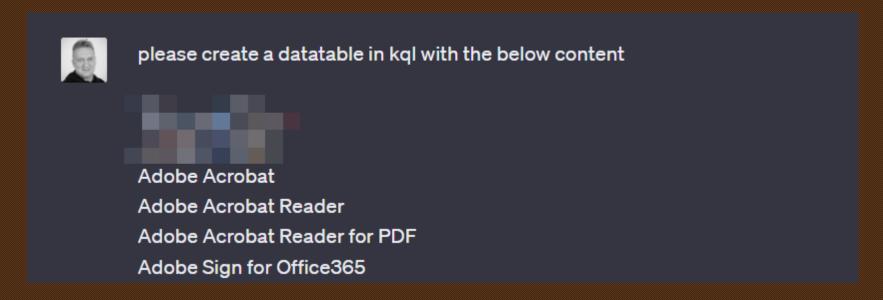


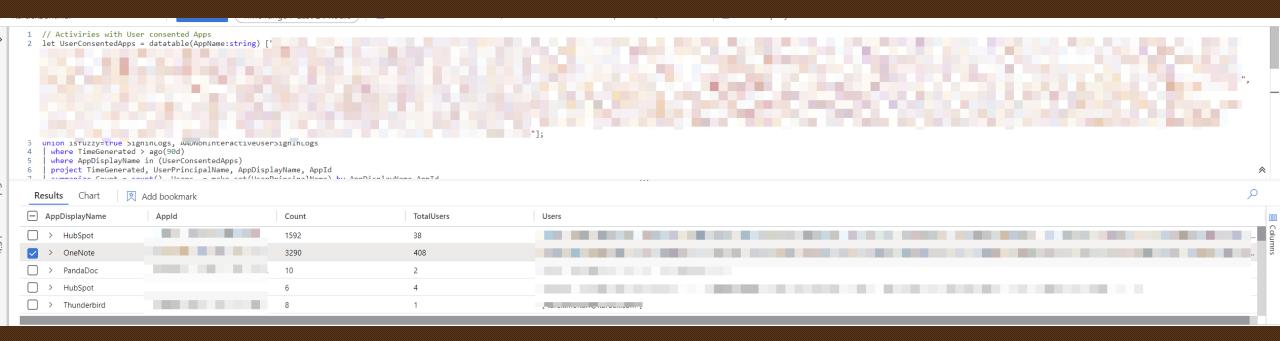
(7) Morten Waltorp Knudsen [MVP] | LinkedIn











Zeek SMTP Traffic

```
□ Save ∨ □ Share ∨ + New alert rule ∨ □→ Export ∨ □ Pin to ∨ □ □ Format query
            Time range : Set in query
 ▶ Run
   let lookback = 90d;
    DeviceNetworkEvents
     where TimeGenerated > ago(lookback)
     where ActionType == "SmtpConnectionInspected"
     extend json = todynamic(AdditionalFields)
     extend from = tostring(json.from)
     extend direction= tostring(json.direction)
     extend helo = tostring(json.helo)
     extend last reply = tostring(json.last reply)
     extend mailfrom = tostring(json.mailfrom)
10
     extend rcptto= tostring(json.rcptto)
11
     extend subject = tostring(json.subject)
12
     extend tls = tostring(json.tls)
13
     extend rcpttolenght = array length(parse json(rcptto))
14
     extend from email = extract(0"\b[A-Za-z0-9.^{+}-]+0[A-Za-z0-9.-]+\.[A-Za-z]{2,4}\b",0,tostring(from))
15
     project TimeGenerated, DeviceName, LocalIP, RemoteIP, RemotePort, direction, from, mailfrom, fromemail, helo, last reply, tls, rcptto, rcpttolenght, subject
16
17
18
19
```

Are we impacted by CVE-2023-38545?

Thanks for attending

