



Session 1 | Getting started

## KQL Café | Mission

A Community to make the world a better place with KQL

Learn, share and practice the KQL language

# Your | hosts

## Your | hosts

## Alex Verboon





https://twitter.com/alexverboon

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

https://github.com/alexverboon

https://www.verboon.info/

## Your | hosts

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https://twitter.com/castello\_johnny

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

https://github.com/KustoKing

https://www.kustoking.com/

# Today's | Guest

# Today's | Guest Rod Trent



Senior Cloud Security Advocate, Microsoft

My blog: <a href="https://aka.ms/RodsBlog">https://aka.ms/RodsBlog</a>

Must Learn KQL series: <a href="https://aka.ms/MustLearnKQL">https://aka.ms/MustLearnKQL</a>

GitHub: <a href="https://github.com/rod-trent">https://github.com/rod-trent</a>

LinkedIn Profile: <a href="https://www.linkedin.com/in/rodtrent/">https://www.linkedin.com/in/rodtrent/</a>

Twitter: <a href="https://twitter.com/rodtrent">https://twitter.com/rodtrent</a>

## Schedule | Registration

We plan to run the show on every 3<sup>rd</sup> Tuesday of the month

18:00 – 20:00 Central European Time Sessions will be announced in Meetup <a href="https://www.meetup.com/kql-cafe/">https://www.meetup.com/kql-cafe/</a>

### Show | Agenda

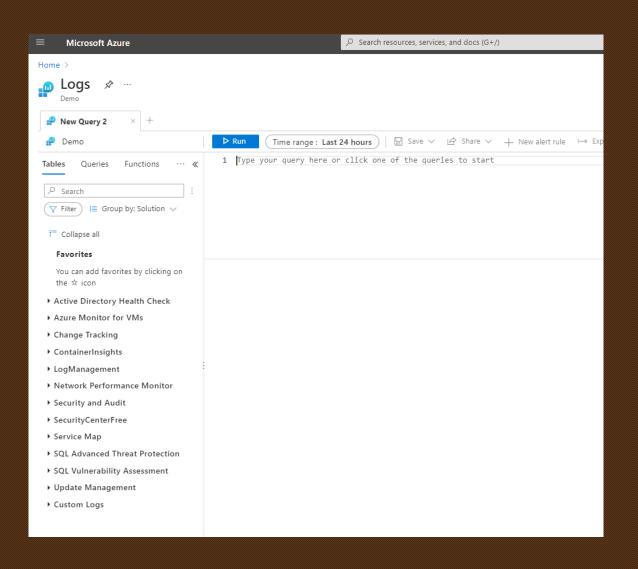
Where do we KQL? Your Playground Options KQL Basics | Top 8 Operators KQL Tables | How to find new things Working with IOCs Features worth mentioning Todays guest speaker: Rod Trent What did you do with KQL this month? KQL Challenge of the month

Where do we KQL?

Microsoft 365 Defender
Microsoft Sentinel
Log Analytics
Data Explorer
Microsoft Endpoint Configuration Manager
(CMPivot)

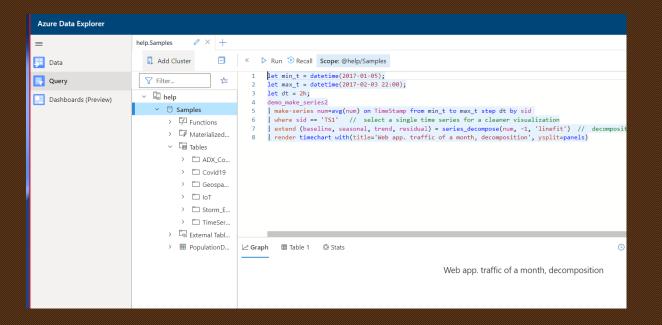
## Log Analytics Demo

https://aka.ms/lademo

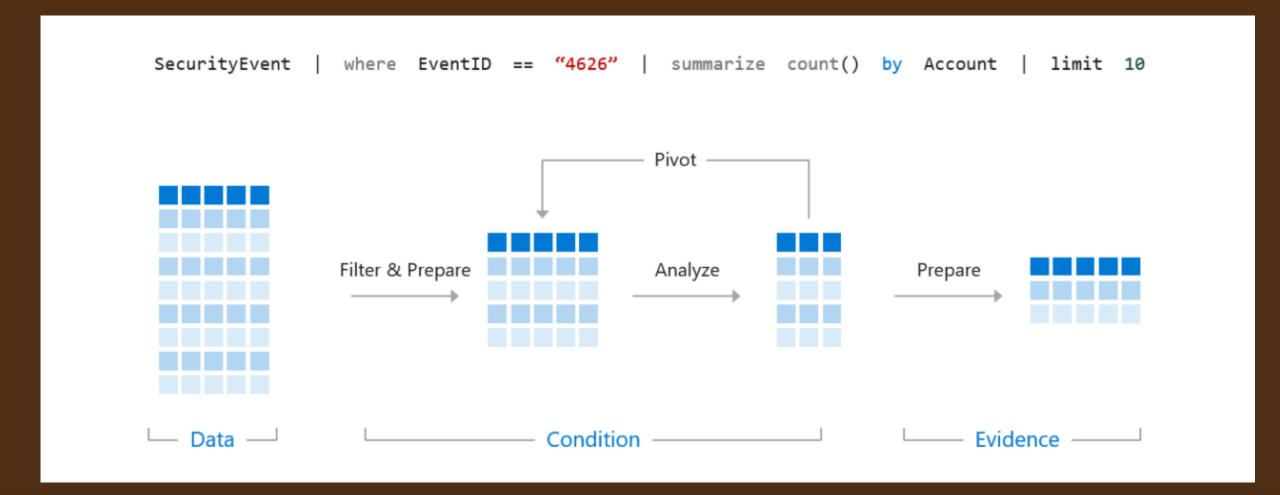


### Azure Data Explorer

<u>https://dataexplorer.azure.com/clusters/help/databa</u> ses/Samples

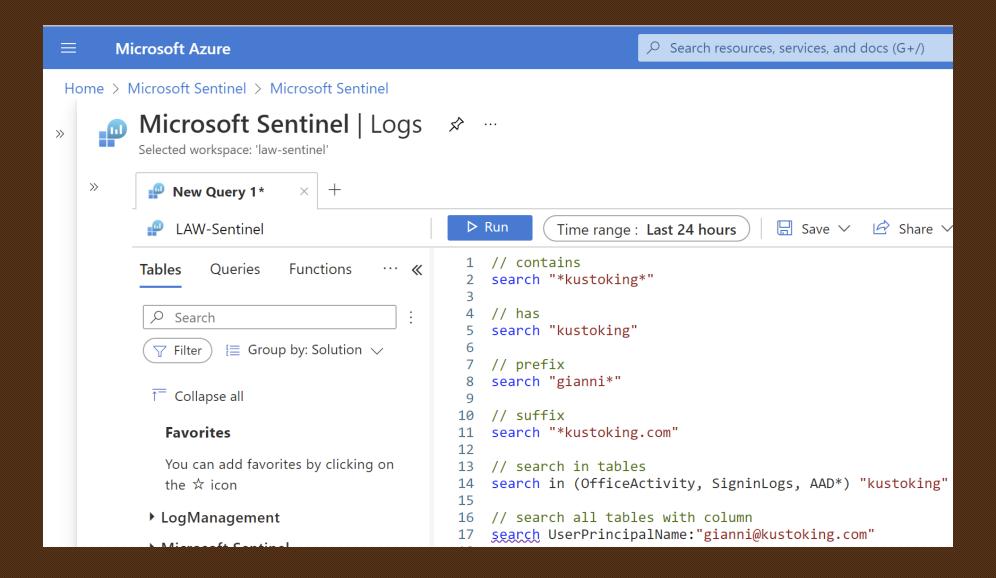


## KQL Basics | Top 8 operators

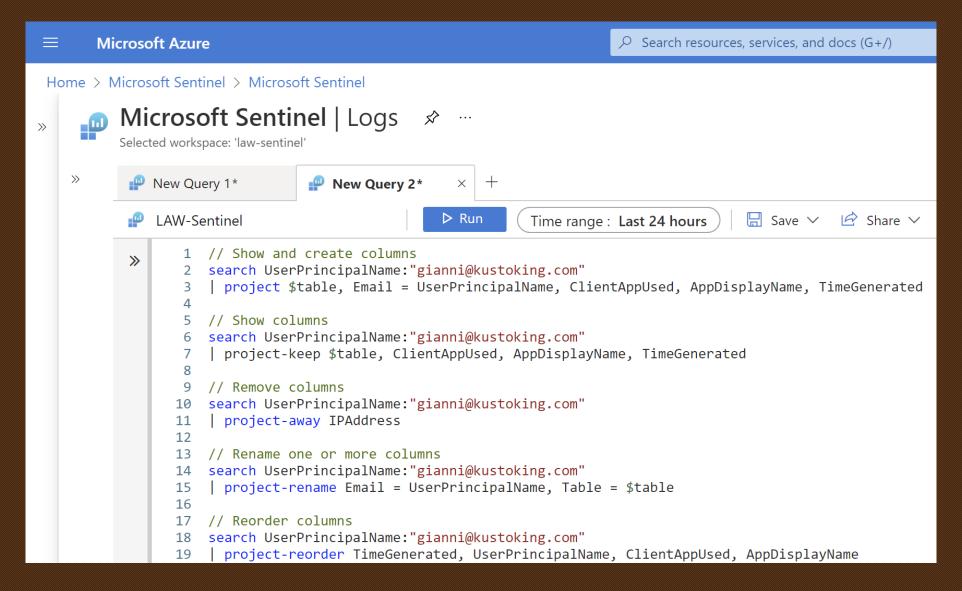


search project has <> contains distinct summarize extend take <> limit join

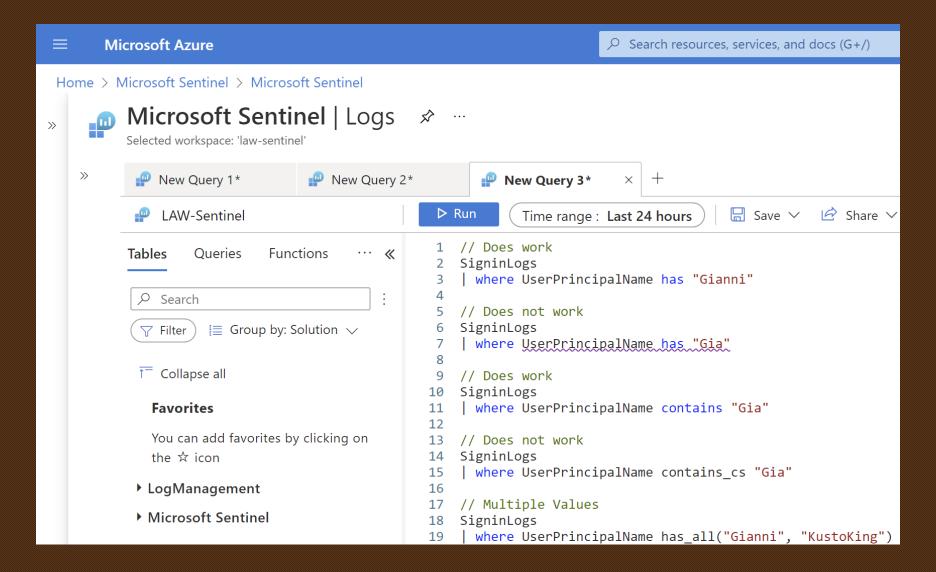
#### search



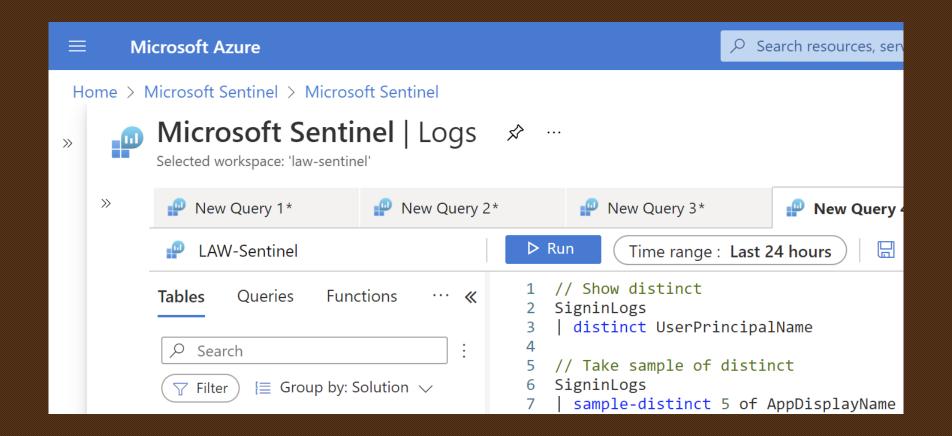
### project



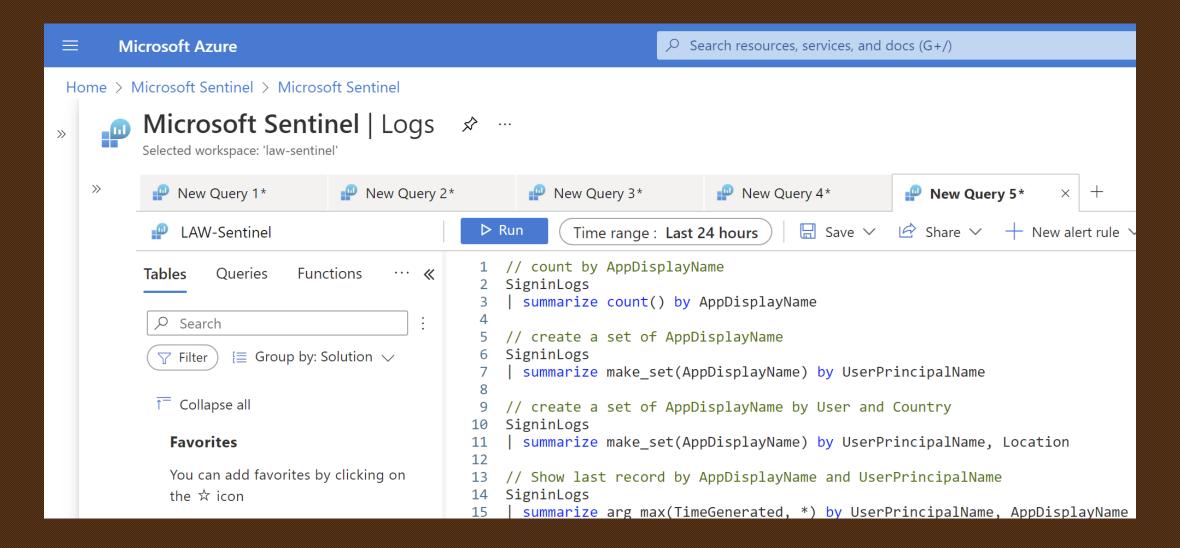
#### has <> contains



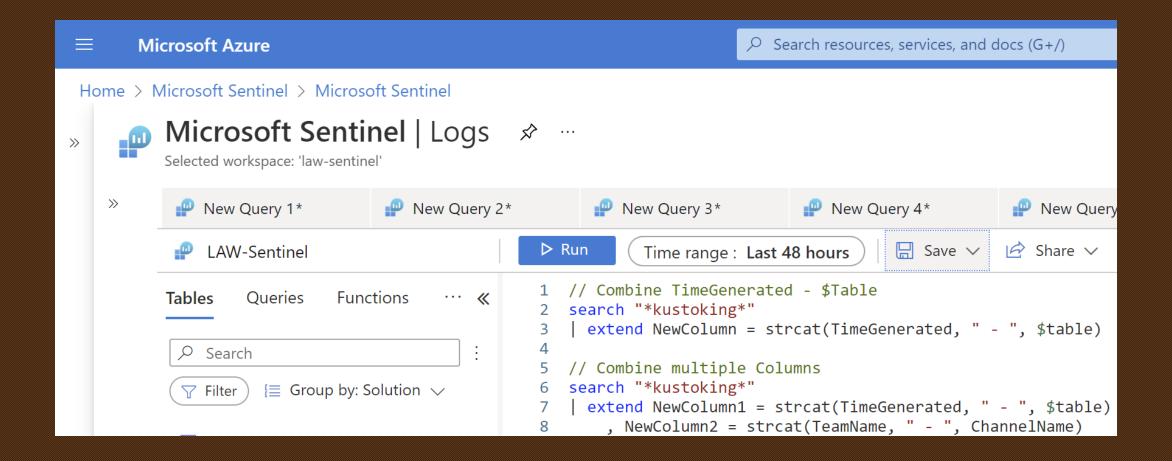
#### distinct



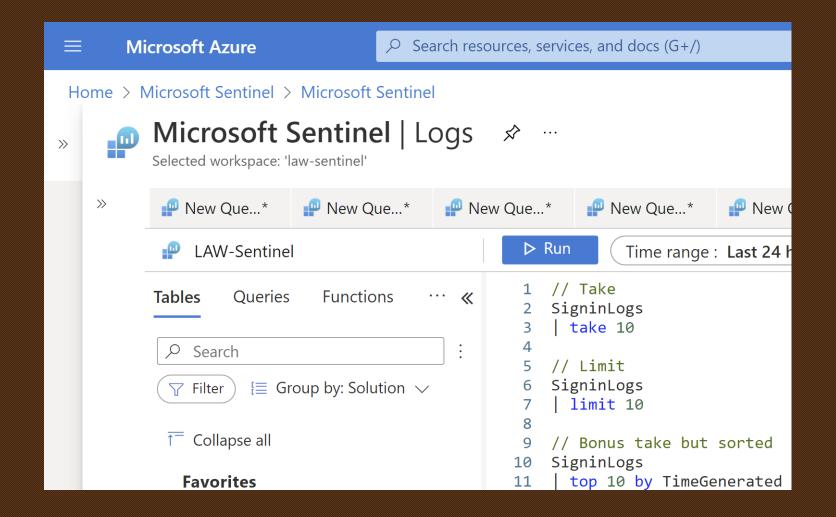
#### summarize



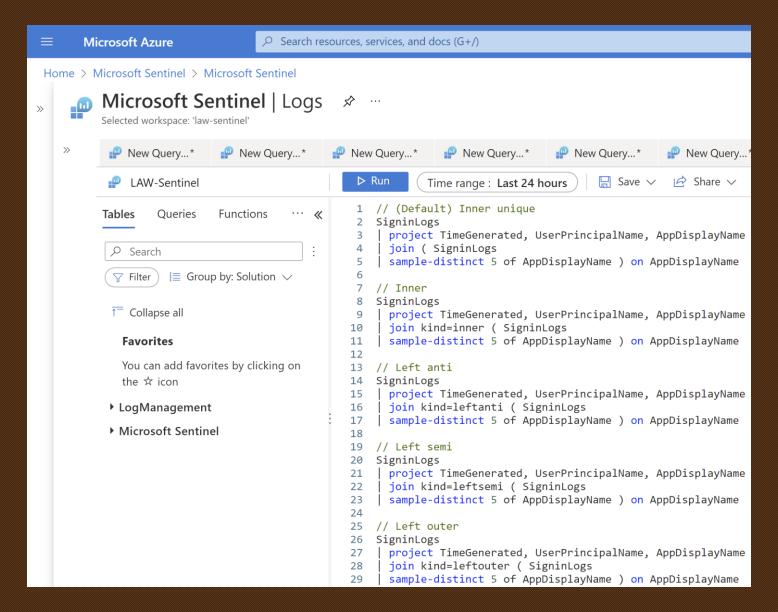
#### extend



#### take <> limit

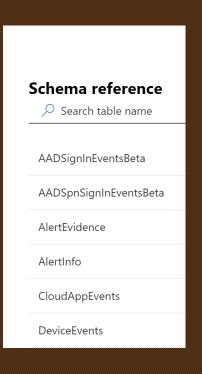


## join



How to find new things?

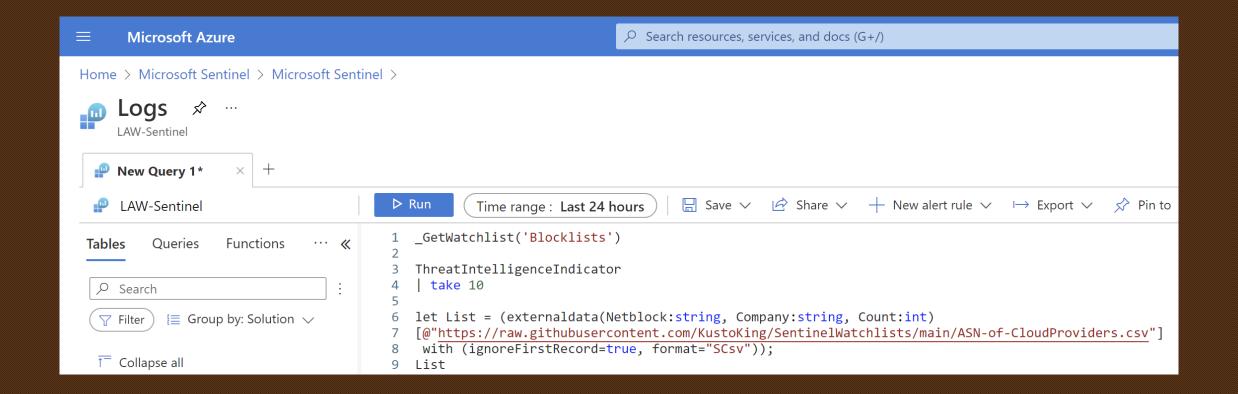
Microsoft Defender 365 Schema Reference Microsoft Tech Docs



https://docs.microsoft.com/microsoft-365/security/defender/advanced-hunting-schematables Working with IOCs

Microsoft 365 Defender Microsoft Sentinel

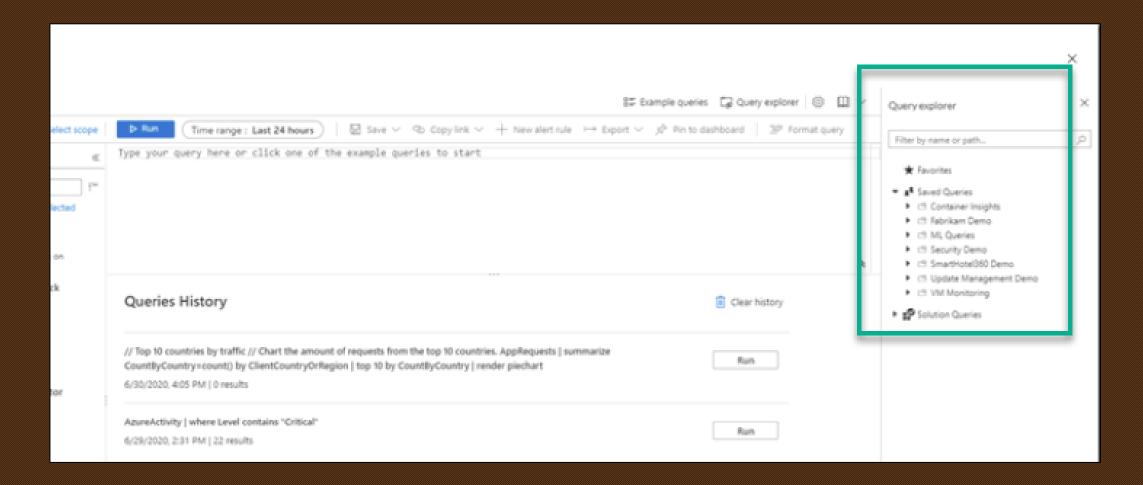
#### Microsoft Sentinel



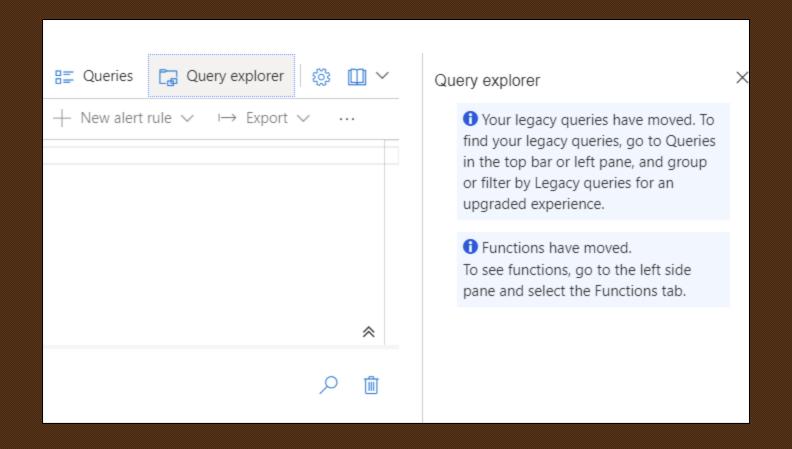
Features worth Mentioning

Azure Query Packs
Advanced KQL for Microsoft Sentinel workbook

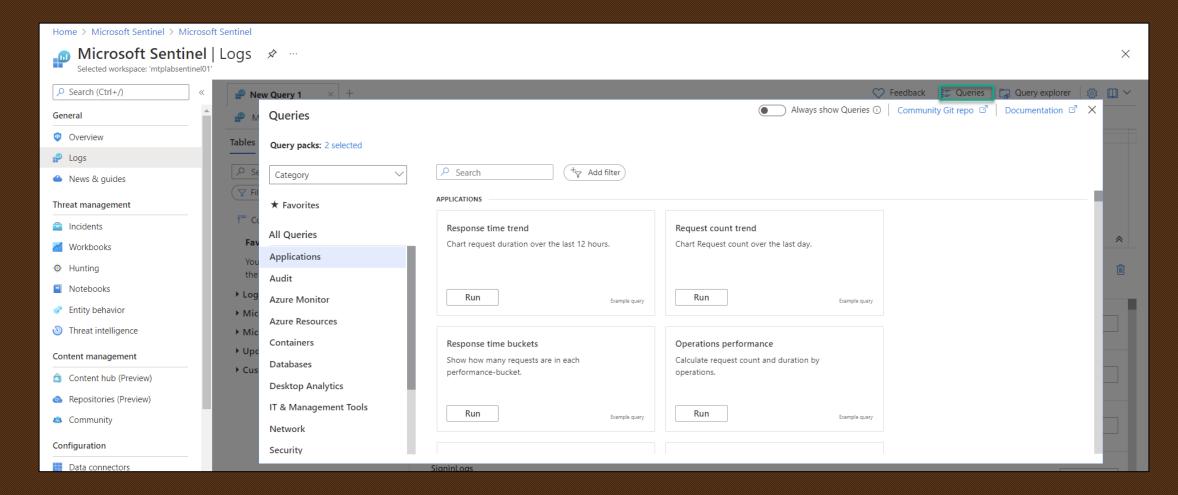
## Previously in query explorer



## Now moved



## To Queries



### Log Analytics query packs

A log Analytics query pack is a container for queries, designed to store and manage queries in an effective way.

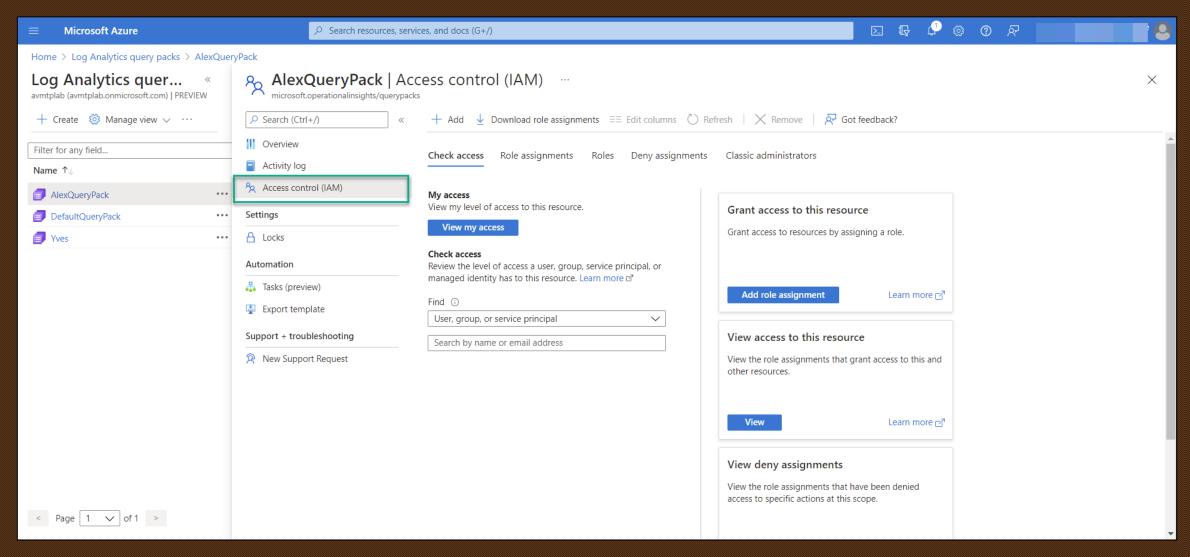
Query Packs are ARM objects - allowing users to granularly control various aspects of the query pack including permissions, where it is stored, deployment etc.

Query packs exist at the subscription level - meaning your queries stored in a Query Pack are available to your users across Log Analytics resources and workspaces - eliminating silos. Save your query once, and use it everywhere in Log Analytics.

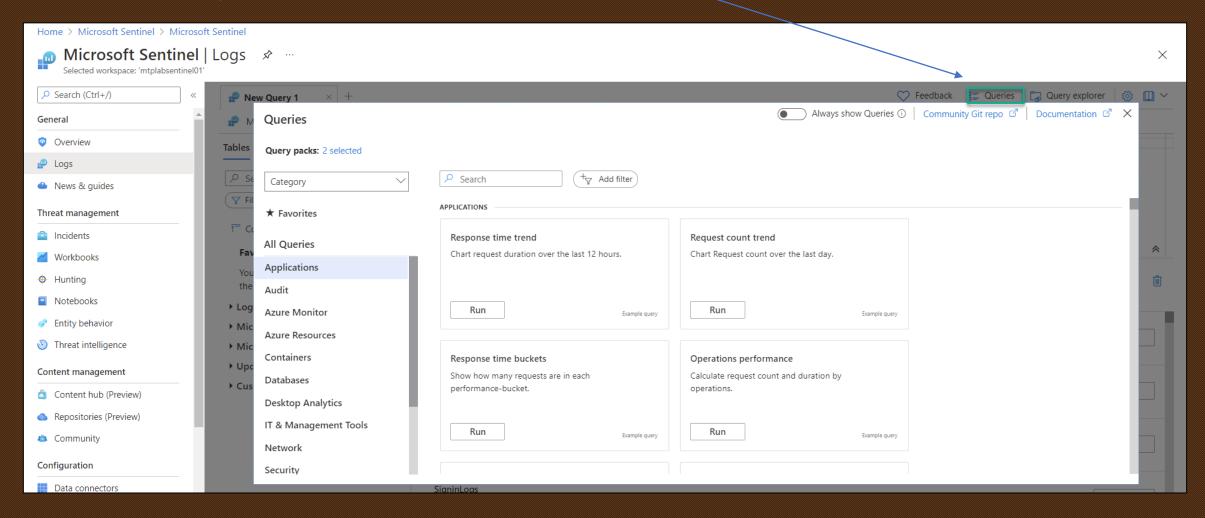
Query packs are designed as ARM objects

RBAC at query pack level
Deploy as code
Export Query Pack
Manage from API

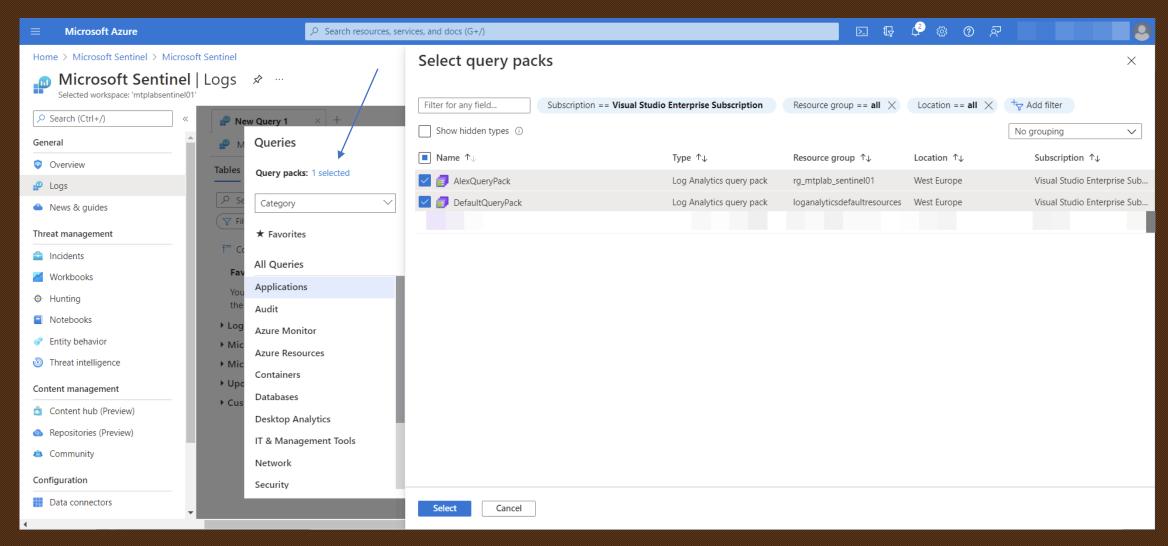
## RBAC at query pack level



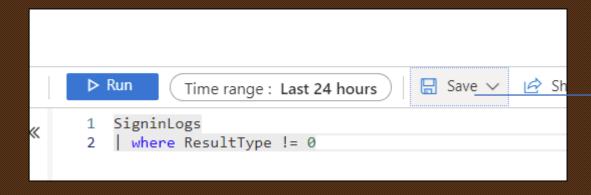
## **Access Query Packs**

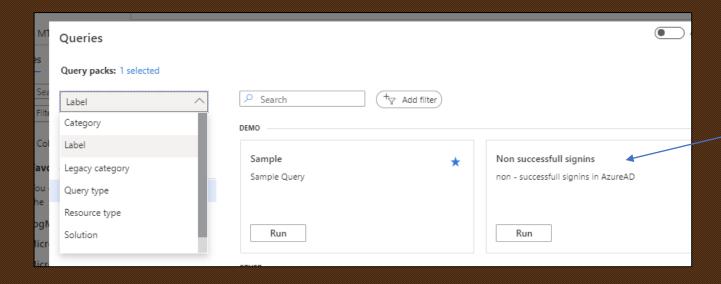


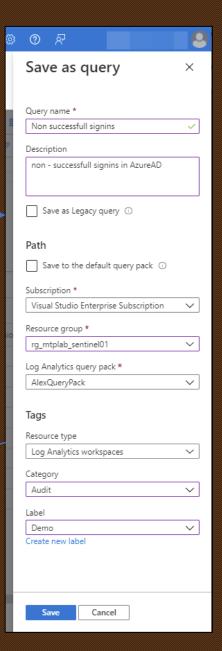
## Use multiple query packs



## Save a query to a pack

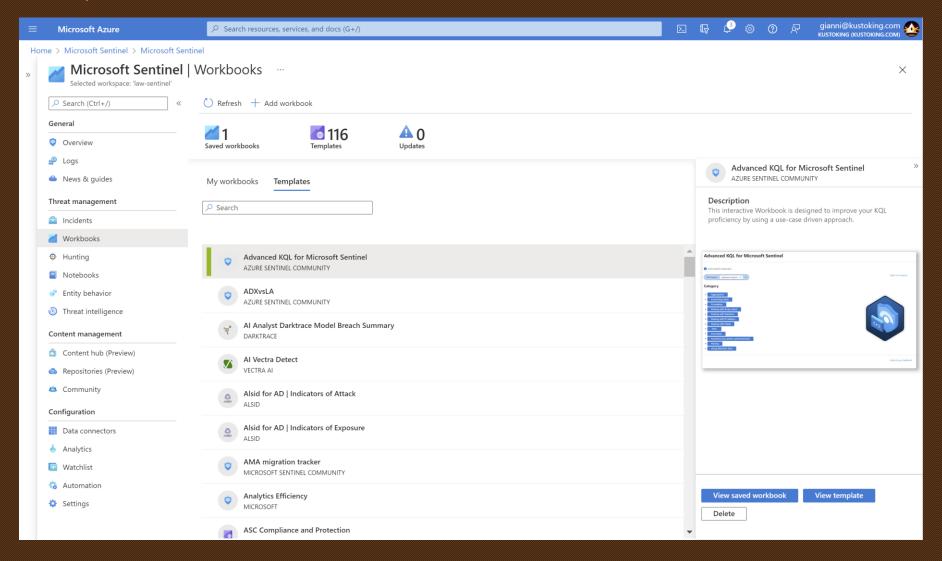






#### Recomended reads

### Advanced KQL for Microsoft Sentinel workbook



And now we present this week's guest.

## What did you do with KQL this month?

# KQL Challenge of the month

## Questions?

## Thanks for attending

