A photograph of three people (two women and one man) sitting around a table in a modern office setting, engaged in a discussion. A horizontal bar with a rainbow gradient is overlaid across the middle of the image.

ON POINT Dicker Data On Point Sessions are back!

15 November - Power BI Licensing

22 November - Business Premium Security - Session 3

29 November - Teams Premium

6 December - Christmas Wrap Up

Chance to Win a \$50
Uber Eats voucher at
every session



DICKER

D A T A

Power BI & Microsoft Fabric Licensing

AGENDA

- News
- Power BI Licensing
- Questions
- Close & Prize Draw





Dicker Data & Microsoft News



00 : 20 : 17

Experience AI transformation in action, online from anywhere

Online: November 15–16, 2023 PT | In Seattle: November 14–17, 2023 PT

Discover the best of what's next in technology, problem-solve with experts, and make global connections. Empower yourself to lead your organization by attending Microsoft Ignite.



Learn about AI capabilities from keynotes



Advance your learning in breakout sessions



Get access to experts to solve your technical roadblocks



Expand your network with peers, partners, and experts

Attend online—free, from anywhere

My event

My profile

96%

Backpack

35 Items

Messages

0 Unread

Meetings

0 Requests

Timezone

(UTC+13:00) New Zealand Daylight Time

Your schedule

[Sync with your calendar](#)

Thursday, November 16

All events

Session

In Seattle + Online

6:00 AM NZDT
35 minutes

[Microsoft Ignite opening](#)

Session

In Seattle + Online

6:35 AM NZDT
50 minutes

[Becoming an AI-Powered Organization with Microsoft Copilot](#)

Session

In Seattle + Online

7:25 AM NZDT
35 minutes

[The Future of Security with AI](#)

8:00 AM NZDT
45 minutes

You have a 45 minute gap in your schedule

[Find Sessions](#)

Session

Online Only

8:45 AM NZDT
15 minutes

[Decoding the AI Journey](#)

Session

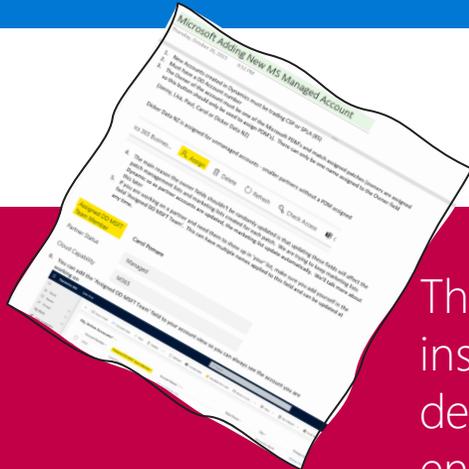
In Seattle + Online

8:45 AM NZDT
45 minutes

[What's new and what's next with Azure IaaS](#)

Dicker Data Microsoft Security Labs

Online Event: 21st & 23rd November, 3-4pm



These introductory sessions will demonstrate Microsoft best practice to set up key security features across both the Entra ID suite, and the Defender Suite of security services.

Agenda

Session 1

Guidance for Microsoft Entra ID

What are the Microsoft Entra ID licenses?
Quick Security Wins

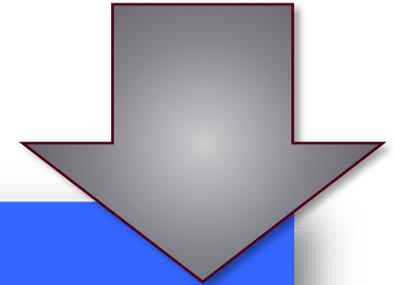
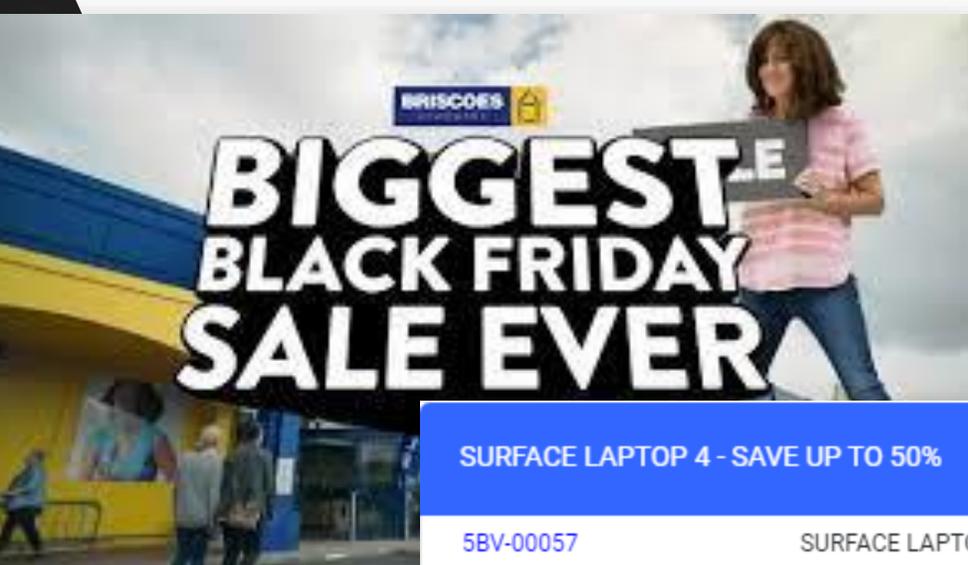
Lab Setup

- Create more than one Global Administrator/Break Glass
- Enable combined registration experience for Microsoft Entra multifactor authentication and SSPR to simplify user registration experience
- Configure MFA settings for your organization
- Enable self-service password reset

Conditional Access

- MFA for admins to protect accounts that are assigned administrative rights.
- Block legacy authentication protocols due to the increased risk associated with legacy authentication protocols.
- MFA for all users and applications to create a balanced MFA policy for your environment, securing your users and applications.
- Require MFA for Azure Management to protect your privileged resources by requiring multifactor authentication for any user accessing Azure resources.

These sessions will then be followed by instructions on setting up a lab within a demo tenant for you to set up a test environment, accompanied by a knowledge check document.



| SURFACE LAPTOP 4 - SAVE UP TO 50% | | | | |
|-------------------------------------|---|----|--|------------|
| 5BV-00057 | SURFACE LAPTOP 4 13.5" i5 8GB 512GB WIN 10 PRO PLATINUM | 0 | | \$810.04 |
| 5B2-00057 | SURFACE LAPTOP 4 13.5" i5 16GB 512GB WIN 10 PRO PLATINUM | 0 | | \$928.20 |
| 5F1-00034 | SURFACE LAPTOP 4 13.5" i7 16GB 512GB WIN 10 PRO ICE BLUE | 1 | | \$1,051.95 |
| LB9-00005 | SURFACE LAPTOP 4 13.5" i7 32GB 1TB WIN 11 PRO BLACK | 0 | | \$1,472.85 |
| LAPTOP 4 - 15 INCH | | | | |
| 5JI-00023 | SURFACE LAPTOP 4 15" i7 8GB 256GB WIN 10 PRO PLATINUM | 20 | | \$978.86 |
| LIJ-00006 | SURFACE LAPTOP 4 15" i7 32GB 1TB WIN 11 PRO BLACK | 0 | | \$1,537.61 |
| SURFACE PRO 7 PLUS - SAVE UP TO 50% | | | | |
| 1NA-00022 | SURFACE PRO 7+ 12.3" i5 8GB 256GB WIFI WIN 10 PRO BLACK | 2 | | \$735.74 |
| 1NB-00007 | SURFACE PRO 7+ 12.3" i5 16GB 256GB WIFI WIN 10 PRO PLATINUM | 7 | | \$860.68 |
| 1NC-00022 | SURFACE PRO 7+ 12.3" i7 16GB 256GB WIFI WIN 10 PRO BLACK | 0 | | \$873.88 |
| 1ND-00007 | SURFACE PRO 7+ 12.3" i7 16GB 512GB WIFI WIN 10 PRO PLATINUM | 0 | | \$1,100.50 |

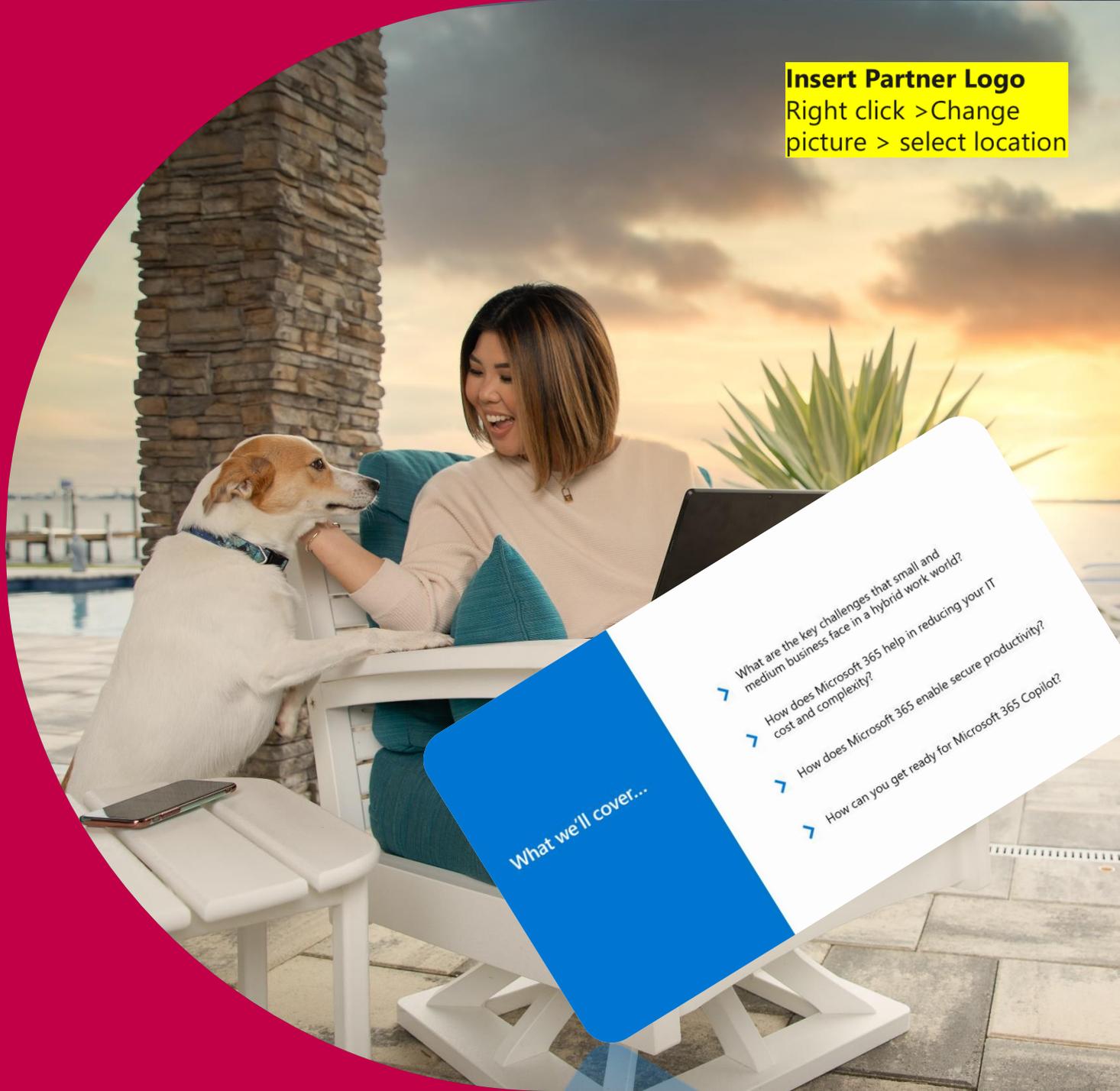


Do More with Microsoft 365

Microsoft SMB Briefing

<Insert partner name and date>

Insert Partner Logo
Right click > Change picture > select location



What we'll cover...

- > What are the key challenges that small and medium business face in a hybrid work world?
- > How does Microsoft 365 help in reducing your IT cost and complexity?
- > How does Microsoft 365 enable secure productivity?
- > How can you get ready for Microsoft 365 Copilot?

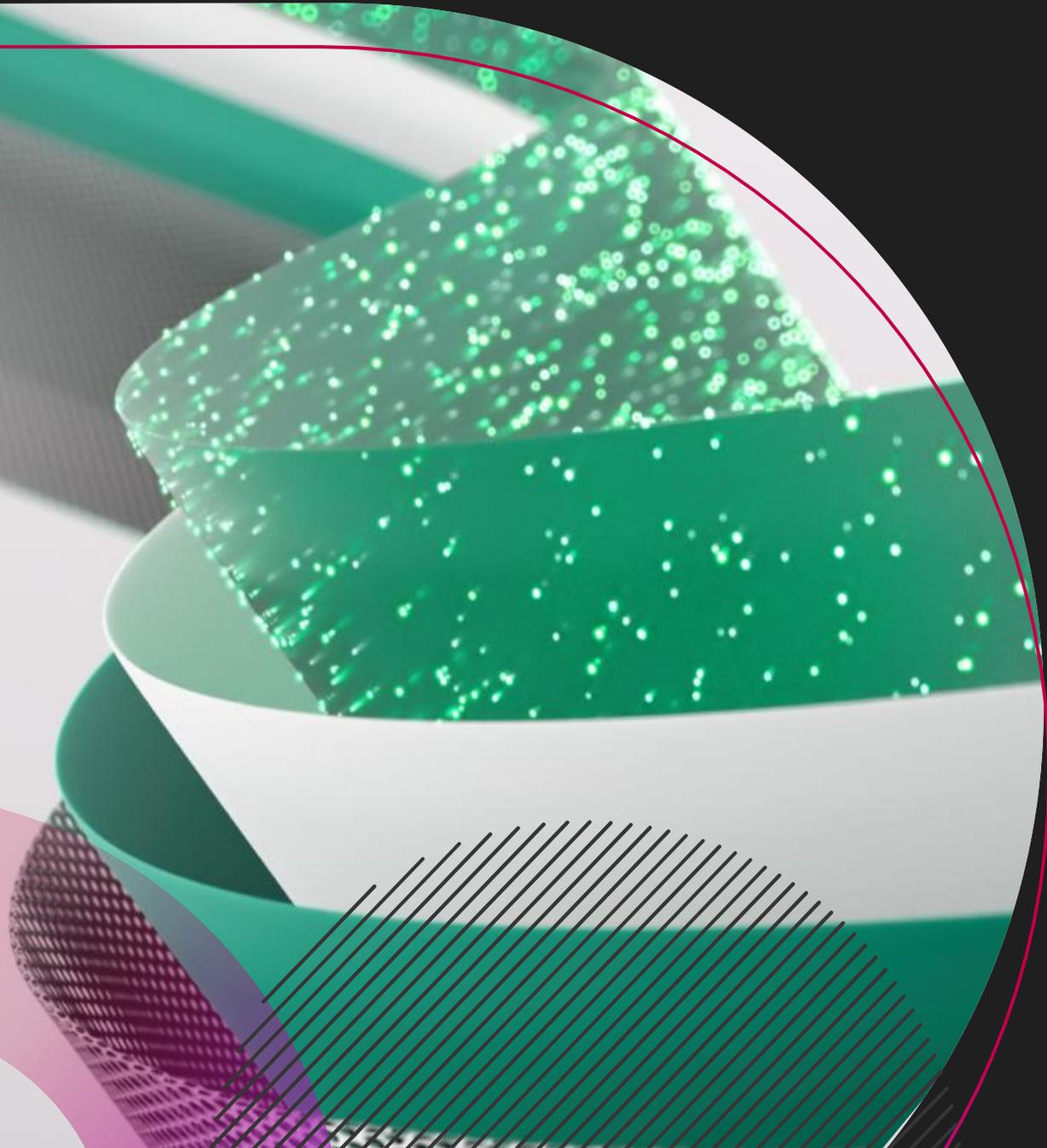
Dicker Data would like to personally invite you to Microsoft's **Cloud Discovery Day – Empowering Partners for the NZ Cloud Region** event. Microsoft's hyperscale datacenter region launch will accelerate New Zealand's digital transformation, providing a unique opportunity for our partners. Join us on 4th December at Auckland's Park Hyatt to learn more about what the Microsoft Cloud, the opportunity for your business - and how it will help your customers achieve more.

Today's Presenter



LAUREN NOBBS

Modern Workplace BDM



Microsoft Fabric & Power BI Licensing

Agenda:

- What is Microsoft Fabric
- Fabric Terminology
- Licensing
 - Capacity Licenses
 - User Licenses
 - Guest User Licenses



WHAT IS MICROSOFT FABRIC?

A UNIFIED SaaS PLATFORM FOR ALL YOUR ANALYTICS NEEDS

REAL-TIME ANALYTICS

INGEST & QUERY REAL-TIME DATA WITHIN SECONDS

STORE REALTIME DATA IN ONELake

BI

REPORTS & DASHBOARDS WITH POWER BI

DATA SCIENCE

RUN NOTEBOOKS WITHIN SECONDS WITHOUT MANAGING CLUSTERS
TRAIN MODELS AND EXPERIMENT BETWEEN DIFFERENT MODELS VERSIONS

DATA WAREHOUSE

POWERED BY DELTA PARQUET
ACCESSIBLE THROUGH SQL AND SPARK
DECOUPLED STORAGE & PROCESSING
ORGANIZED AROUND WORKSPACES

ONELake

UNIFIED LAKEHOUSE WITH AN OPEN FORMAT

DATA INTEGRATION

USE NO-CODE OR NOTEBOOKS FOR ETL OR ELT JOBS
SCHEDULE & RUN JOBS WITHOUT MANAGING (SPARK) CLUSTERS



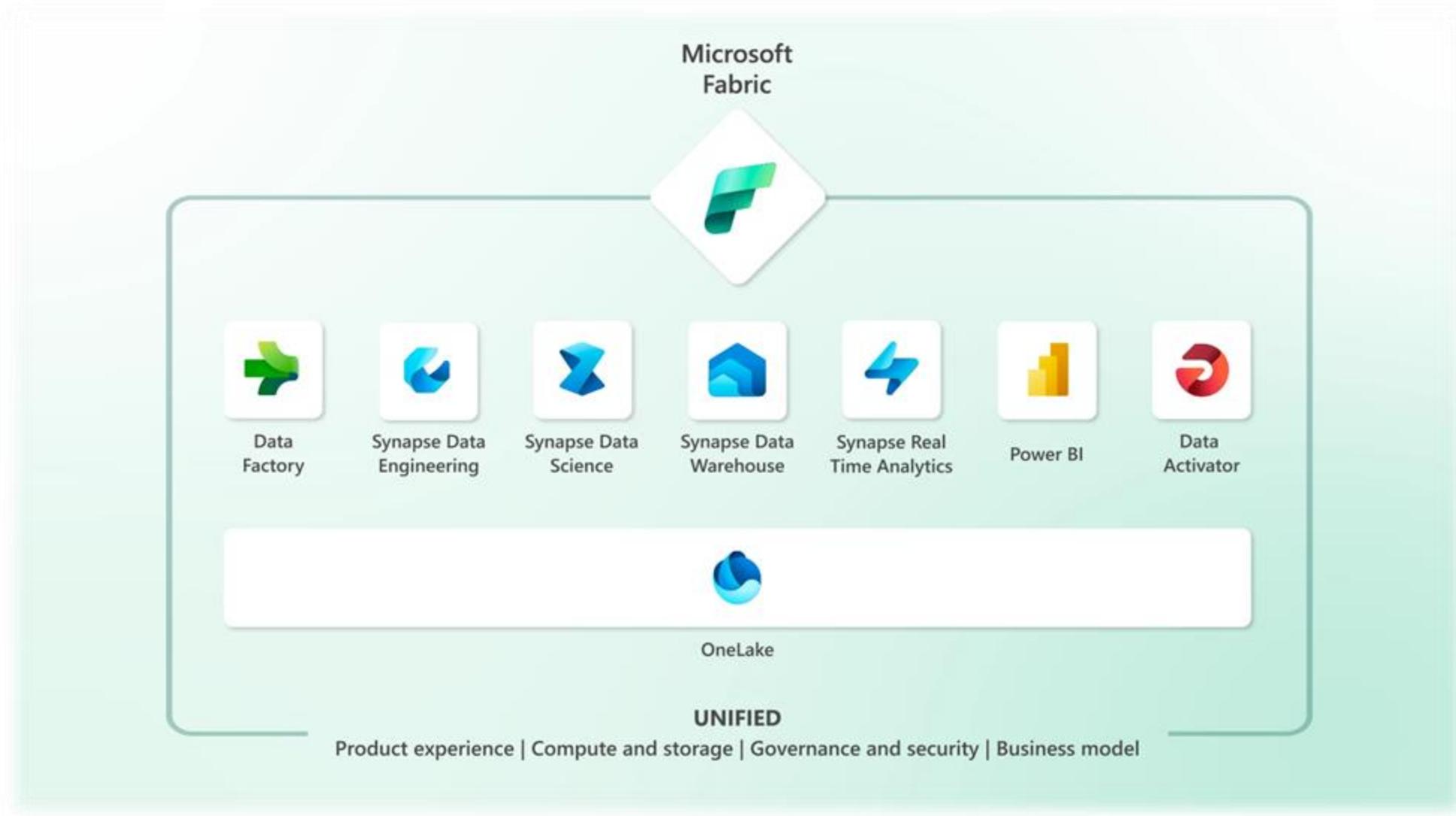
UNIFIED SECURITY

ACROSS ALL TYPES OF DATA STORES & ENGINES

SHORTCUTS EASY ACCESS TO DATA STORED IN OTHER CLOUDS

AKA.MS/FABRICNOTES

@CHANEU



FABRIC LINGO

PART 1

UNDERSTAND THE TERMS USED IN
MICROSOFT FABRIC

CAPACITY

A DEDICATED SET OF RESOURCES THAT ARE AVAILABLE TO RUN THE DIFFERENT WORKLOADS (EX: RUNNING A NOTEBOOK, A SQL QUERY OR A DATAFLOW). ATTACHED TO A WORKSPACE.

"I'VE USED A TRIAL CAPACITY ON THIS WORKSPACE"

WORKSPACE

A COLLECTION OF ITEMS (THAT COULD CONTAIN DATA) GROUPED TOGETHER FOR COLLABORATION.

A BIT LIKE A TEAMS CHANNEL IT TEAMS, OR A ROOT FOLDER IN YOUR ONEDRIVE.

"YOU CAN FIND THESE CAMPAIGNS DATA IN THE WEB MARKETING WORKSPACE"

EXPERIENCE

A WAY TO EXPLORE FABRIC CAPABILITIES WITH A SPECIFIC "PRISM," LIKE DATA SCIENCE, DATA ENGINEERING.

"SWITCH TO THE DATA FACTORY EXPERIENCE TO CREATE YOUR DATA PIPELINE"

TENANT

A SINGLE INSTANCE OF FABRIC FOR A SPECIFIC ORGANIZATION. ALIGNED WITH AN AZURE ACTIVE DIRECTORY TENANT.

FREE 60-DAYS TRIAL

FABRIC LICENSING

AS OF TODAY. CAN CHANGE BETWEEN NOW AND GENERAL AVAILABILITY.

INFRASTRUCTURE

CAPACITY

SHARED ACROSS ALL ANALYTICS WORKLOADS
 CAN BE RESIZED UP, DOWN AND EVEN PAUSED
 ATTACHED TO A SPECIFIC REGION
 SOLD AS CAPACITY UNIT (CU), FROM 2 TO 2048

\$0.18/CU/HOUR, MINIMUM 2 CU (ONLY \$9/DAY!)

STORAGE

YOU PAY FOR THE STORAGE YOU CONSUME.
 PRICE VARIES FROM REGION TO REGION
\$0.023/GB/MONTH FOR US WEST 2

NETWORK

CROSS-REGION DATA TRANSFER CHARGES,
 EGRESS CHARGES FOR MULTI-CLOUD SHORTCUTS

+

INDIVIDUAL LICENSE

EACH FABRIC USER NEEDS A LICENCE. THERE ARE 3 TYPES OF LICENCE: FREE, PRO AND PREMIUM.

FREE

ACCESS FABRIC WEB APP
 CREATE FABRIC WORKSPACES
 CREATE NON-POWER BI ITEMS IN FABRIC WORKSPACES
 SHARE NON-POWER BI ITEMS IN FABRIC WORKSPACES
 VIEW SHARED POWER BI ITEMS IF WORKSPACE HAS A FABRIC CAPACITY => 64CU

PRO

\$10/USER /MONTH

VIEW SHARED CONTENT
 CREATE POWER BI ITEMS IN ALL WORKSPACES

PREMIUM

\$20/USER/MONTH

ENABLE POWER BI PREMIUM FEATURES

Capacity Licenses

- Power BI Premium Capacity (P SKUs)
 - Supports all Fabric experiences.
 - To create workspaces & share content a Power BI Pro/PPU license is required.
 - To view content, a Microsoft Fabric Free license is required and the viewer role on the workspace.

- Power BI Embedded Capacity (A SKUs)
 - Supports Power BI only - This is for ISVs and developers who want to embed visuals into their applications.
 - To create workspaces & share content a Power BI Pro/PPU license is required.

- Fabric Capacity (F SKUs)
 - Supports all Fabric experiences.
 - For SKUs smaller than F64 allows you to share Fabric content with users with a Power BI Pro license, or Power BI content with users with a Power BI Pro/PPU license.
 - For F64 and bigger SKUs allows you to share Fabric content with users with a Microsoft Fabric Free license and viewer role.

| SKU* | Capacity Units (CU) | Power BI SKU | Power BI v-cores |
|---------|---------------------|--------------|------------------|
| F2 | 2 | - | 0.25 |
| F4 | 4 | - | 0.5 |
| F8 | 8 | EM/A1 | 1 |
| F16 | 16 | EM2/A2 | 2 |
| F32 | 32 | EM3/A3 | 4 |
| F64 | 64 | P1/A4 | 8 |
| F128 | 128 | P2/A5 | 16 |
| F256 | 256 | P3/A6 | 32 |
| F512 | 512 | P4/A7 | 64 |
| F1024 | 1024 | P5/A8 | 128 |
| F2048** | 2048 | - | 256 |

Per-user Licenses

- Microsoft Fabric Free (formerly Power BI Free):
 - Enables users to create Power BI items in their workspace but restricts sharing of Power BI content.
 - Free users cannot consume content shared by Power BI Pro/PPU users unless hosted in premium workspaces.

- Power BI Pro:
 - Enables sharing of Power BI content with other Power BI Pro/PPU users.
 - Permits sharing with Microsoft Fabric Free users if content is hosted in premium capacity or F64+ Fabric capacities.

- Power BI Premium Per User (PPU):
 - Grants access to Power BI Premium features without premium capacity.
 - Cost-effective for customers with <250 users.
 - Allows sharing of Power BI content with other Pro/PPU users.
 - Permits sharing with Microsoft Fabric Free users if content is hosted in premium capacity or F64+ Fabric capacities.

| Capabilities | Free | Pro | PPU |
|--|------|-----|-----|
| Access Microsoft Fabric web application | ✓ | ✓ | ✓ |
| Create Fabric capacity workspaces | ✓ | ✓ | ✓ |
| Create Power BI Premium workspaces | ✗ | ✓ | ✓ |
| Create Pro workspaces | ✗ | ✓ | ✓ |
| Create PPU workspaces | ✗ | ✗ | ✓ |
| Create, update, delete or manage Power BI items in workspaces other than their "My Workspace" | ✗ | ✓ | ✓ |
| View Power BI items in Pro workspaces or Fabric Capacity workspaces (where the Fabric Capacity SKU is less than a F64) | ✗ | ✓ | ✓ |
| View Power BI items in Power BI Premium Per Capacity or Fabric Capacity workspaces (where the Fabric capacity SKU is greater than or equal to a F64) | ✓ | ✓ | ✓ |
| Create non-Power BI Fabric items in Fabric / Trial / Power BI Premium capacity workspaces | ✓ | ✓ | ✗ |
| Share non-Power BI Fabric items | ✓ | ✓ | ✗ |

Licensing for Guest Users

- Guest user access prerequisites:
 - Enable the 'Invite external users to your organization' setting in Power BI
 - Ensure the guest user is appropriately licensed
- There are three ways you can license guest users:
 - Use Power BI Premium capacity.
 - Assign a Power BI Pro or a Premium Per User (PPU) license.
 - Use a guest's Power BI Pro or PPU license.

| Provider | Provider | Consumer User Type | | |
|----------------|-------------------|--------------------|---------------|---------------|
| | | Free User | Pro User | PPU User |
| Workspace Type | User Type | | | |
| All Workspaces | Free User | Not Supported | Not Supported | Not Supported |
| Pro Workspace | Pro/PPU/PPU Trial | Not Supported | Supported | Supported |
| PPU Workspace | PPU User | Not Supported | Not Supported | Supported |
| PPU Workspace | PPU Trial User | Not Supported | Not Supported | Supported |
| PPC Workspace | Pro/PPU/PPU Trial | Supported | Supported | Supported |

Prize Draw

Chance to Win a \$50
Uber Eats voucher at
every session



22 November - Business Premium Security - Session 3

29 November - Teams Premium

6 December - Christmas Wrap Up

Thank you