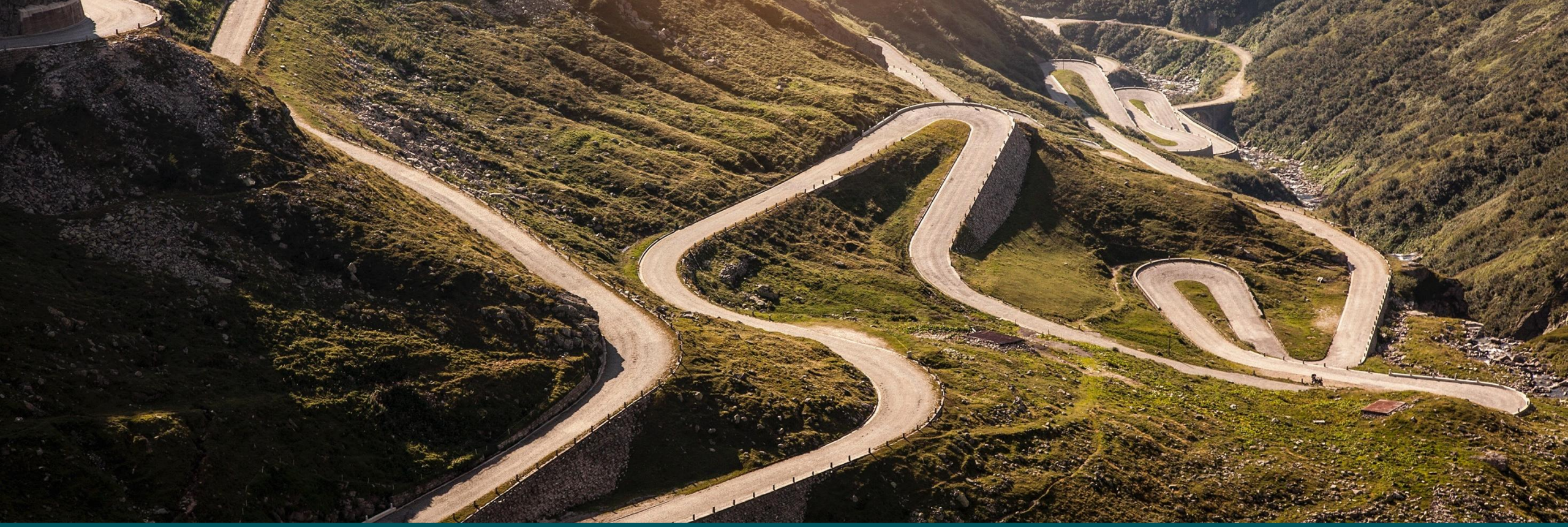


FabCon + SQLCon Europe 2026

What’s new in Microsoft Fabric?

Fabric User Group · Marek Kõbu

Today’s map

Updates grouped by workload, not keynote sequence

Pricing 01

F0 and on-demand

AI + semantics 02

Fabric IQ, MCP, ontology

Apps + BI 03

Fabric Apps, Power BI

Data 04

OneLake, Factory, agent

Operations 05

Observability + demo

Platform 06

Governance, CI/CD, SQL, RTI

F0 and on-demand billing

TULEKUL

Fabric without pre-provisioned capacity

What was announced

- On-demand billing expands to all Fabric workloads
- F0 as a “zero-provisioned” starting point
- Preview announced for the coming weeks
- Exact pricing was not public at announcement

Capacity model

F2 → F4 → F8 → ...

Pre-purchased capacity
Fixed cost
All workloads

On-demand model

F0: pay for usage

Irregular workloads
Combine with provisioned capacity
Choose workloads for on-demand

Important: F0 does not mean free Fabric. Pricing determines when the model makes sense.

Fabric IQ in Microsoft Copilot

GA

Business context from Power BI semantic models in Copilot Chat and Cowork

Power BI

Semantic models
Measures and relationships

Fabric IQ

Governed business context
Semantic models and ontologies

Copilot

Grounded answers in Chat
Work IQ adds people and documents
Cowork helps turn insight into action

Cowork connector limitations at announcement: consumption billing, no DLP support, and no source citations.

MCP servers and ontology

Fabric exposes data and business context to agents through a standard interface

Fabric IQ MCP Server

Business context and semantics

GA

Fabric Core MCP Server

Core Fabric items and tools

GA

Agentic ontology

Semantic models plus operational context
Business relationships, rules and actions
RDF import, versioning and namespaces

PREVIEW

Ontologies are in public preview. Confirm availability of individual new extensions separately.

Fabric Planning

GA

Forward-looking plans alongside actuals in Fabric IQ

Scenarios

Model business drivers
Change assumptions at scale
Compare what-if scenarios

Semantic models

Write plans back to models
Combine plans and actuals
Use existing Power BI measures

Ontologies

Bind plans and forecasts
Give agents future goals
Connect past, present and plans

GA announced. Large-scale recalculation and Power BI integration were demonstrated.

Data Engineering Agent: Project Osmos

PREVIEW

Agentic assistance for migration, ETL, and tuning

Promised capabilities

Migrations, ETL and tuning
Complex, long-running jobs
Unstructured data and cleansing
Accuracy-focused AI harness
Use with GitHub Copilot, VS Code, Codex and Claude Code

Inputs

Schemas
Requirements
Existing code

Agent

Plans
Generates
Iterates

Output

Fabric artifacts and code that still require review, testing, and deployment controls.

Unified Fabric Copilot

ANNOUNCED

End-to-end project development inside the Fabric workspace

Workspace experience

One Copilot across Fabric
Choose a model and use autopilot
Built-in Fabric skills
Chat history across projects
Inspect and edit generated artifacts

Inputs

Project specification
Existing workspace items

Agent

Builds and connects
Responds to feedback

Complete project

Notebooks, lakehouses and pipelines connected in the workspace.
Review the code and configuration alongside the agent.

Fabric Apps and Apps in Power BI

PREVIEW

From report to application, with Fabric Database

Apps in Power BI

Pro, PPU, and Fabric capacity customers

Fabric Apps + Fabric Database

Up to 1 GB per application

Preview announced for the coming weeks

Modern Report Builder

Natural language in Power BI Desktop
React-based report experience
Filters, cross-highlighting and Excel export
Publish as a Fabric app
At announcement: coming in the following months

Rayfin

Open-source SDK

Works with GitHub Copilot and Claude Code

Discussion: when is this a Power BI app, Fabric App, or Power Apps use case?

OneLake and mirroring

More sources directly in the unified data layer

Google BigQuery mirroring	GA
SharePoint List mirroring	GA
SharePoint and OneDrive shortcuts	GA
Salesforce Data 360 bidirectional integration	PREVIEW
Dynamics 365 Business Central mirroring	TULEKUL
Snowflake security role mirroring	TULEKUL

Snowflake role mirroring: public preview in the coming weeks, with continuous sync and OneLake enforcement.

IQ Sharing across organizations

Live data and business context across tenants without copying data

Data owner

Choose tables, files and context
Invite the recipient by email
Set an expiration date
Revoke the share when needed

Recipient

Accept into a Fabric workspace
Query shared and local data together
See source updates automatically
Keep data in the source tenant

Public preview announced. Demo: genomic research data joined with hospital data across tenants.

Data Factory: lower migration and development cost

Copy Job, Dataflow migration, and dbt

Copy Job

CDC, SCD Type 2 and audit columns
Eventstreams and Copy Job integration

GA

Dataflow Gen1 → Gen2

Migration API · readiness report · validation rules

PREVIEW

dbt job Fabricus

dbt jobs: GA
Fusion engine: coming in the next weeks

GA

Custom Live Pools

Spark session in approximately 5 seconds

GA

Copy Job and Eventstreams connect batch movement with event-driven applications.

Observability in Fabric

PREVIEW

LIVE DEMO

New Monitoring Hub and operations agent “Investigate”

What is new

Jobs, capacities, apps and agents
Custom views and alerts
Run history and detailed errors
Operations agent investigation

Investigation workflow

Open the failed run
Inspect activities and logs
Ask the operations agent to investigate
Feed suggested fixes back to Fabric Copilot

Preview considerations

Check capability coverage in your tenant
Keep human review of suggested fixes
Validate changes before production
Retest earlier community-reported gaps

Governance and security

New policies and tighter control over Fabric usage

Policies in Fabric

OneLake Catalog Policies
Who can do what, under which conditions
Item creation and security group exceptions

PREVIEW

DLP restrict access

Restrict access when a DLP rule is triggered

GA

OneLake security UI

New management interface

GA

Outbound access protection

Outbound access protection

GA

CI/CD and development formats

Power BI and Fabric move toward file-based development

PBIR

Default report format

GA

Deployment Plan

YAML-based source of truth
Visual deployment order
Run notebooks or pipelines between steps
Step variables and APIs

PREVIEW

Git

Compare-and-commit · selective branching · bulk export/import API

GA

Known limitation remains: changing a Direct Lake model source in deployment pipelines.

Power BI updates at a glance

Key keynote and September release items

Fabric IQ in Copilot Chat & Cowork	GA
Apps in Power BI + Fabric Database	PREVIEW
Semantic Views	EARLY LOOK
PBIR default format	GA
Create DirectQuery models on the web	GA
Excel export up to 500,000 rows	GA
Microsoft 365 Copilot in Power BI	PREVIEW
Power BI Q&A retirement	VEEBR 2027

Semantic Views and Apache Ossie

Related blog announcements beyond the supplied keynote transcript

Semantic Views

Power BI “early look”

Governed measures defined in OneLake

Status: early look

Apache Ossie

Joint Microsoft and Snowflake support

Vendor-neutral semantic metadata standard

Strategically important, but Semantic Views was still an “early look”.

SQLCon: databases under the Fabric management layer

Database Hub, vector indexes, and Warehouse updates

Databases

Database Hub in Fabric and database agents	PREVIEW
DiskANN vector indexes Automatic index compaction	GA
SQL Server → Fabric SQL Database migration	GA
Copilot Agent Mode SSMS-is	GA
SQL Server on Azure Local	GA

Warehouse & Azure SQL

Warehouse custom SQL pools	GA
Warehouse CRUD APIs	GA
GROUP BY ALL · QUALIFY · MEDIAN/QUANTILE	PREVIEW
Hyperscale serverless auto-pause	PREVIEW
Hyperscale 192 vCore support	GA

GPU-accelerated Warehouse

PREVIEW

Query acceleration with existing SQL and visible execution details

Enable acceleration

Workspace-level switch
Applies to warehouses and SQL endpoints
Existing queries stay compatible

GPU processing

Accelerates suitable query operations
Designed for concurrent workloads
No query rewrite required

Observe results

GPU operations in query plans
Query acceleration in monitoring
Measure gains on your own workload

Public preview. A rebuilt SQL query editor is also in public preview; benchmark results are workload-specific.

Real-Time Intelligence

Events, schemas, and Copilot-generated dashboards

Business Events

Business event schemas
Built-in validation
Real-time responsiveness

GA

Schema Registry

Central schema management
Eventhouse accelerated shortcuts: GA
Inline transforms and self-optimizing engine announced

GA

Copilot-generated RTI dashboards

Build dashboards with Copilot
Preview capability from release updates

PREVIEW

Emirates cargo demo: data refresh improved from 4–5 hours to 10 seconds.

GA, Preview, or still coming?

Keynote announcement statuses; confirm current availability before adoption

GA

- Fabric IQ in Copilot; IQ/Core MCP
- Copy Job CDC/SCD2; PBIR
- BigQuery + SharePoint mirroring
- SharePoint/OneDrive shortcuts
- Business Events + Schema Registry
- Eventhouse accelerated shortcuts
- Fabric Planning; 192 vCores

PREVIEW

- Data Engineering Agent; Observability
- Policies in Fabric; Deployment Plan
- Apps in Power BI; Database Hub
- Database agents; Ontologies
- IQ Sharing
- GPU-accelerated Warehouse
- Hyperscale auto-pause

TULEKUL / EARLY LOOK

- F0 + on-demand
- BC mirroring
- Modern Report Builder
- Semantic Views: early look
- Snowflake role mirroring: preview soon
- Fabric Copilot: availability to confirm

My TOP 5 to watch

A practical selection for Fabric and Power BI professionals

1	**BC mirroring**	Will BC → OneLake architecture become substantially simpler?
2	**F0 + on-demand**	Will Fabric become viable for smaller and irregular workloads?
3	**Monitoring Hub**	Will operational monitoring finally become an everyday tool?
4	**Fabric IQ**	Will semantic models become Copilot's default business context?
5	**Fabric Apps**	Will the boundary between reports and action apps start to disappear?

This TOP 5 is the presenter's view, not Microsoft's official priority order.

Which announcement will change your Fabric architecture the most?

Q&A

BC mirroring · F0 · Monitoring · Fabric IQ · Apps · Agents