



# Message handling in Microsoft Fabric with Real-Time Hub



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FastTrack Recognized  
Solution Architect  
Power BI  
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## Messages in Fabric

The SaaS platform can also handle your messages and streams

β

## Real-Time Hub

The “free” service from Fabric

π

## The future

Use cases and perspectives



Messages in Fabric



Real-Time Hub



The future



Data  
Factory



Data  
Engineering



Data  
Warehouse



Data  
Science



Real-Time  
intelligence



Power BI



AI



OneLake



Purview

✓

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The future



Best-in-class Connectivity



Real-Time  
hub



Process



Analyze



Monitor



Act



AI-powered Intelligence



# Fabric Real-Time Hub

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The future

Data streams



Microsoft sources



Fabric events







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Real-Time Hub

Π

The future

## Data streams



## Microsoft sources



## Fabric events



Fabric workspace  
item events



Azure blob  
storage events





# Fabric Real-Time Hub



Messages in Fabric



Real-Time Hub



The future

Data streams

Microsoft sources

Fabric events

Stream type ▾

Owner ▾

Item ▾

Location ▾

Name

Item

Owner

Location



BriansEventstream-stream



BriansEventstream

Brian Børk

dcode.bi demo



BicycleDemoData



BriansKQLDatabase

—

dcode.bi demo



# Fabric Real-Time Hub



Messages in Fabric



Real-Time Hub



The future

Data streams

Microsoft sources

Fabric events

Source ▾

Subscription ▾

Resource group ▾

Region ▾

Name

Source

Subscription



dcode

Azure SQL DB (CDC)

MVP subscription



master

Azure SQL DB (CDC)

MVP subscription



# Fabric Real-Time Hub

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Real-Time Hub

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The future

Data streams

Microsoft sources

Fabric events

Name

Description



Azure Blob Storage events

Events produced by Azure blob storage



Fabric workspace item events

Events produced by Workspace items in Fabric



# DEMO

Live coding  
(hopefully no demo-ghost 🙈)



# Fabric Real-Time Hub

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The future

Data streams

Microsoft sources

Fabric events

Name

Description



Azure Blob Storage events

Events produced by Azure blob storage



Fabric workspace item events

Events produced by Workspace items in Fabric



# Eventstream capacity usage

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The future

OPERATION IN CAPACITY METRICS APP	DESCRIPTION	OPERATION UNIT OF MEASURE	FABRIC CONSUMPTION RATE
Eventstream Per Hour	Flat charge* (per eventstream)	Per hour	0.222 CU per hour
Eventstream Data Traffic per GB	Data ingress & egress volume	Per GB	0.342 CU per hour per GB
Eventstream Processor Per Hour	Computing resources consumed by the processor	Per hour	0.778 CU per CPU hour**
OneLake Standard Storage	Used for extended retention (Includes 24-hour retention)	Per GB	\$0.023 per GB***
Eventstream Connectors Per vCore hour	Computing resources consumed by the connector	Per hour	0.611 CU per vCore hour

\*Eventstream is charged if Eventstream is not idle (i.e. data is not ingested or egressed for at least 2 hours)

\*\*Processor base rate 2.333 CU per hour, starting at 1/3 CPU hour (0.778)

\*\*\*Refer to OneLake Storage pricing for more detail - [Microsoft Fabric - Pricing](#) | [Microsoft Azure](#)

[Monitor Microsoft Fabric event streams capacity consumption](#) - [Microsoft Fabric](#) | [Microsoft Learn](#)

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Messages in Fabric



Real-Time Hub

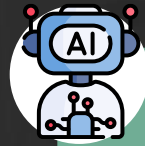


The future



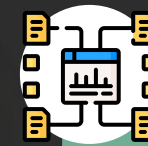
## Click streams

Perhaps not your new Google analytics – but the features opens new possibilities



## AI usage

Live scoring with ML models  
>> basket rec., fraud det., alerts etc.



## System to system

Read messages, manipulate them and send them off to other services or systems

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# Thank you

**Brian Bønke**

Senior Principal, Microsoft MVP



Feedback



SOCIAL?



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