

A blue horizontal banner with rounded corners and a scroll-like design on the left and right sides. The text is centered in white.

Why Monitoring is Important?



Why Monitor?

- Is there any latencies?
- Are there queues for storage transaction requests?
- Overall health of service?
- Am I going to miss any service-level agreements?
- Am I having any security issues?
- How is CPU, or our DTU, or RU utilizations
- Are there any unexpected errors.
- How my Indexes are performing? Any fragmentation?

Two types of Monitoring



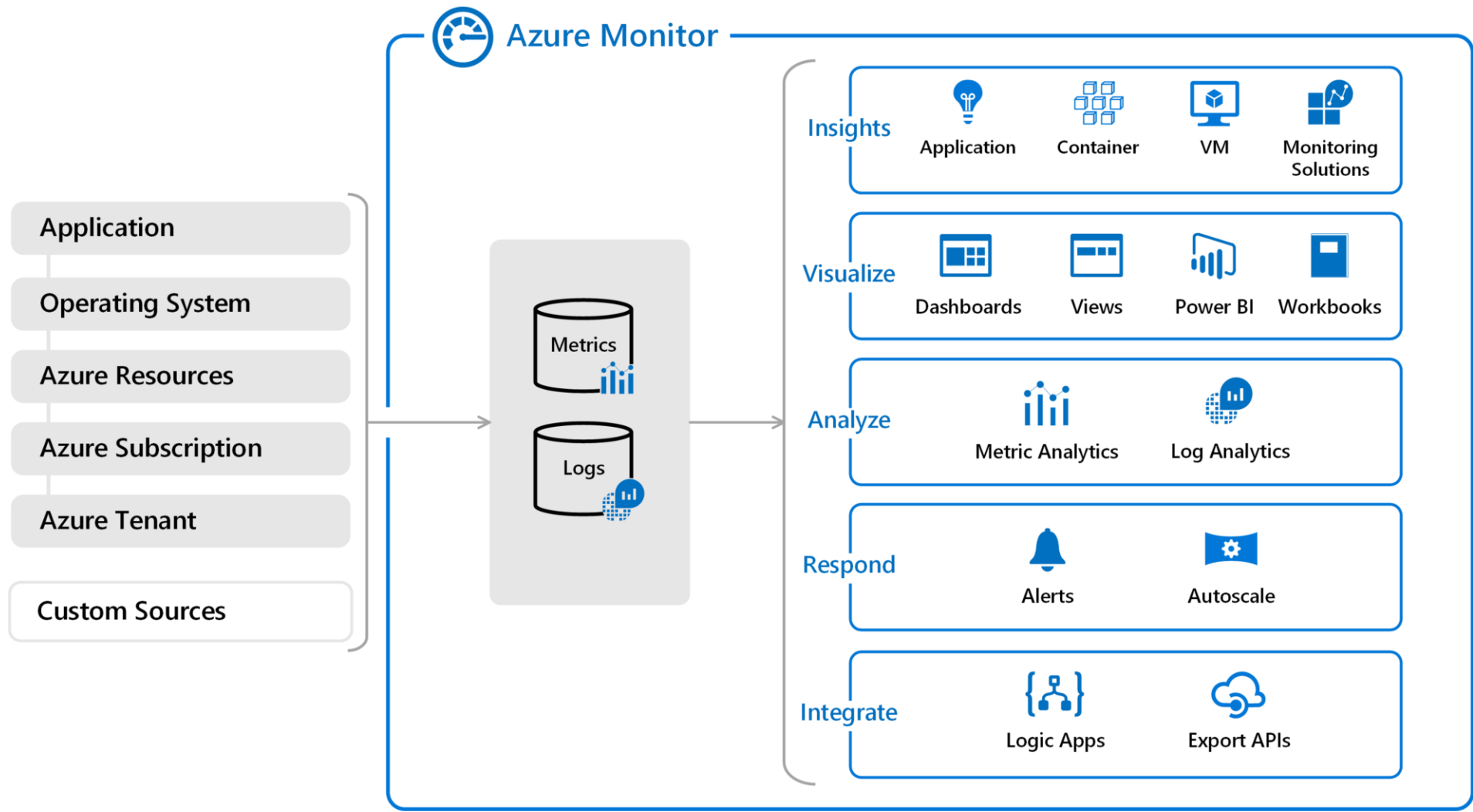
Metrics

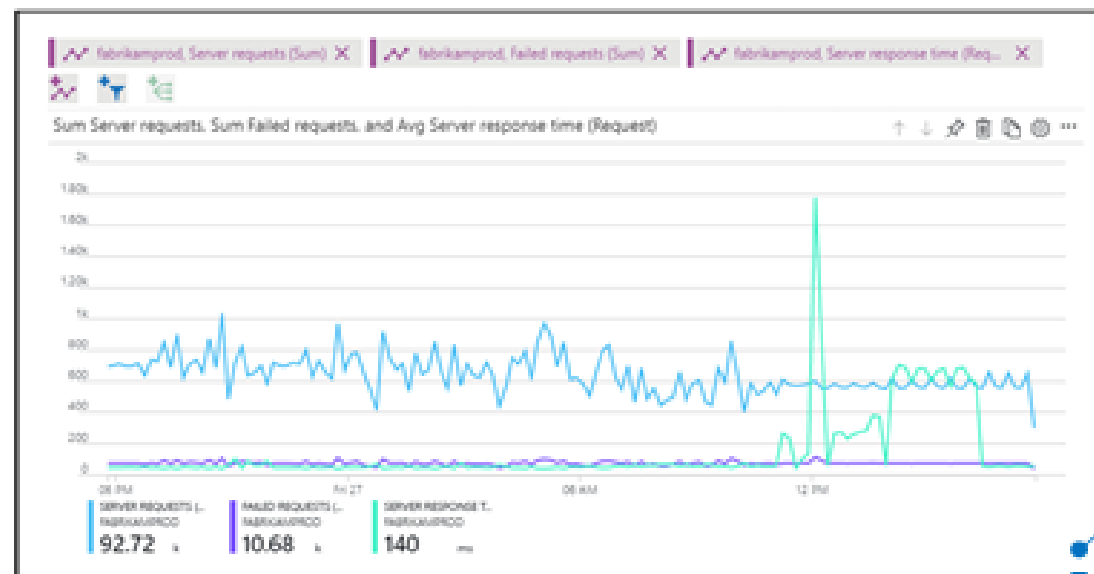
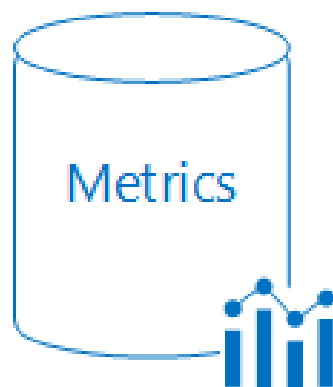


Logs

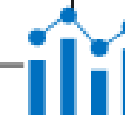


Azure Monitor Service





Metrics Explorer





Show legacy language converter

Event | where EventLevelName == "Error" | project TimeGenerated, Computer, EventLevelName, Source, EventID

4K Results [List](#) [Table](#) [Advanced Analytics](#) 00:00:00.339

Drag a column header and drop it here to group by that column

TimeGenerated	Computer	EventLevelName	Source	EventID
7/17/2017 11:39:02 AM	srv01.contoso.com	Error	Microsoft-Windows-L...	5873
7/17/2017 11:39:12 AM	srv01.contoso.com	Error	HealthService	4502
7/17/2017 11:39:12 AM	srv02.contoso.com	Error	HealthService	4502
7/17/2017 11:39:12 AM	srv01.contoso.com	Error	HealthService	4502
7/17/2017 11:39:12 AM	srv03.contoso.com	Error	HealthService	4502
7/17/2017 11:39:26 AM	srv03.contoso.com	Error	NPMG Agent	100
7/17/2017 11:39:56 AM	srv03.contoso.com	Error	WMI	100

Log Analytics

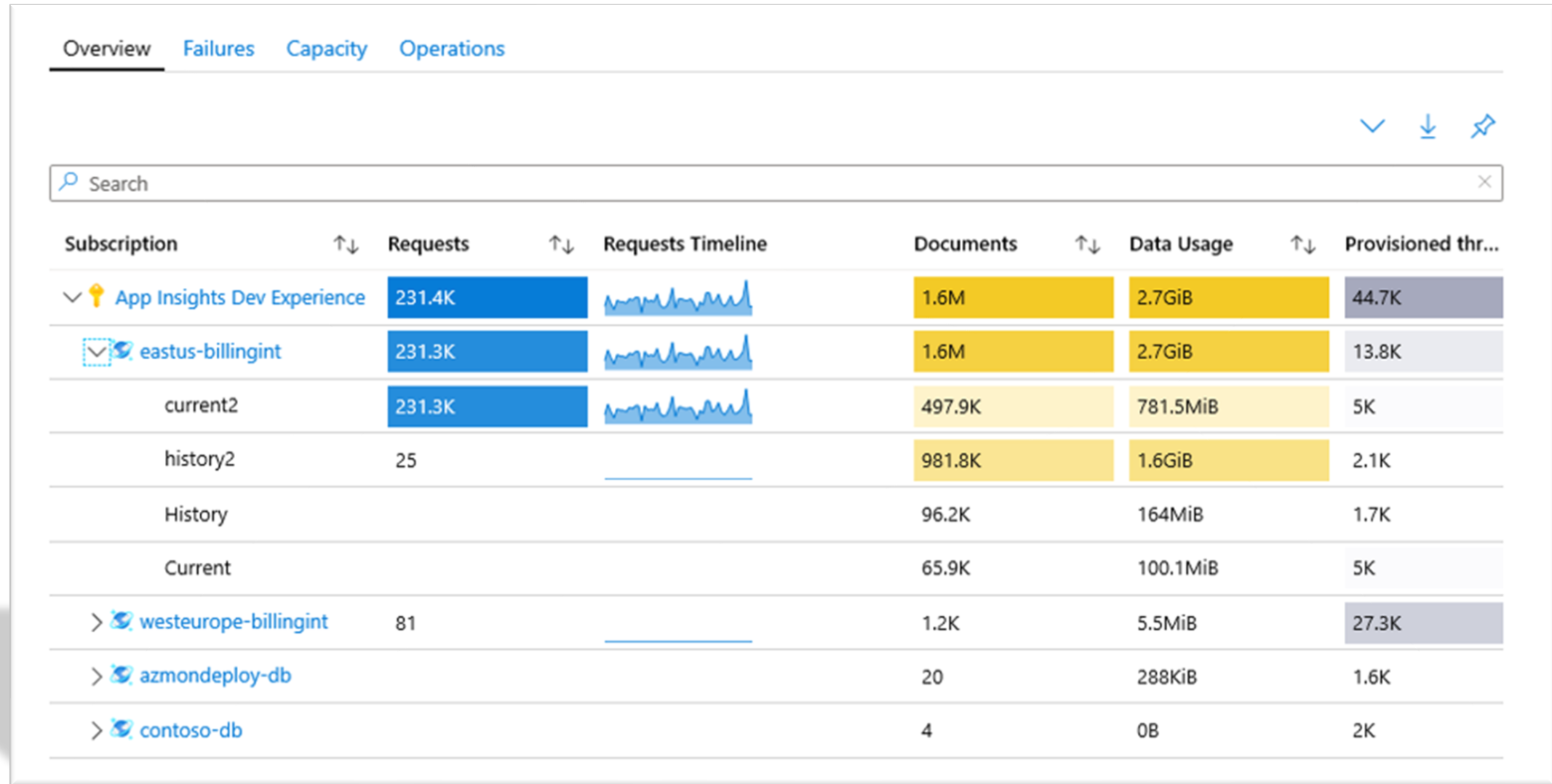


Cosmos DB

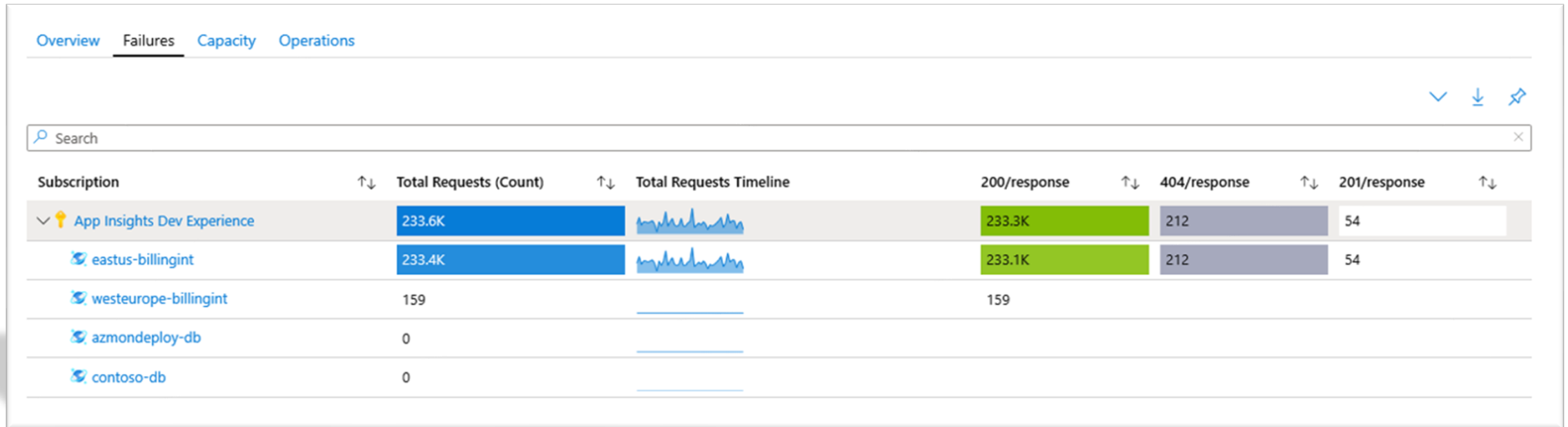


- **Cosmos DB was build as a Cloud Database – Highly Managed**
- **What we can monitor?**
 - Monitor Partitions and Partitioning key performance
 - Monitor RU's consumption
- **Azure Monitor Service**
 - Insights
 - Metrics
- **Monitoring from Cosmos DB Account**
 - Metrics
 - Alerts
 - Diagnostic Settings
 - Logs






Cosmos DB - Monitor through Insights



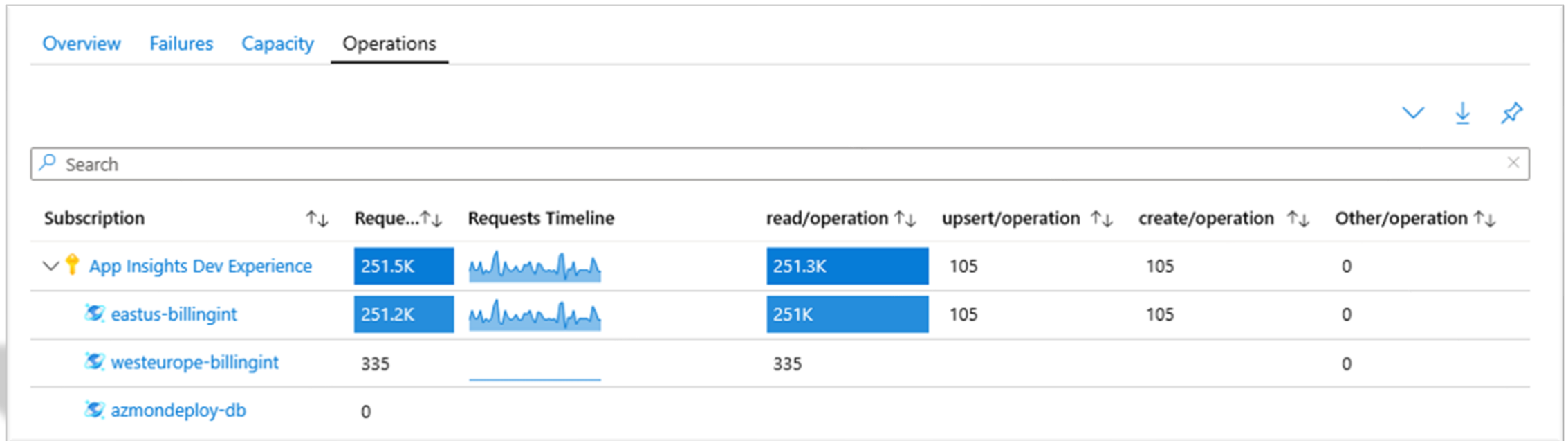
Cosmos DB - Monitor through Insights



Cosmos DB - Monitor through Insights

Overview Failures <u>Capacity</u> Operations									
<div>Search</div>									
Subscription	↑↓	Documents	↑↓	Documents Timeline	Data Usage	↑↓	Index Usage	↑↓	Available Storage
✓ App Insights Dev Experience		1.7M			2.7GiB		221.1MiB		876.7GiB
> eastus-billingint		1.7M			2.7GiB		220.9MiB		316.9GiB
> westeurope-billingint		1.2K			5.6MiB		164KiB		259.8GiB
> azmondeploy-db		20			288KiB		14KiB		200GiB
> contoso-db		4			0B		0B		100GiB

Cosmos DB - Monitor through Insights



Cosmos DB - Monitor Service Metrics

