

## EVIDEN LANDING ZONES FOR AZURE PAAS SERVICES REPORTING DASHBOARD AND WORKBOOK INSTRUCTION MANUAL

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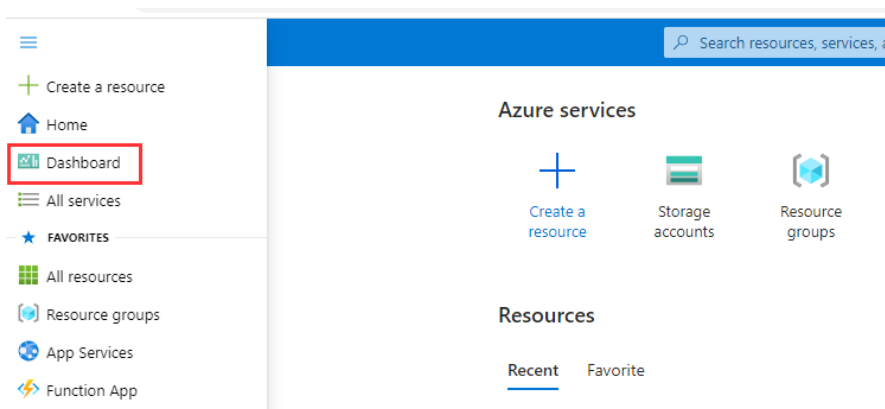
## List of changes

Version	Date	Description	Author(s)
1.0	22-08-2023	Initial Eviden version	K.J. de Jager

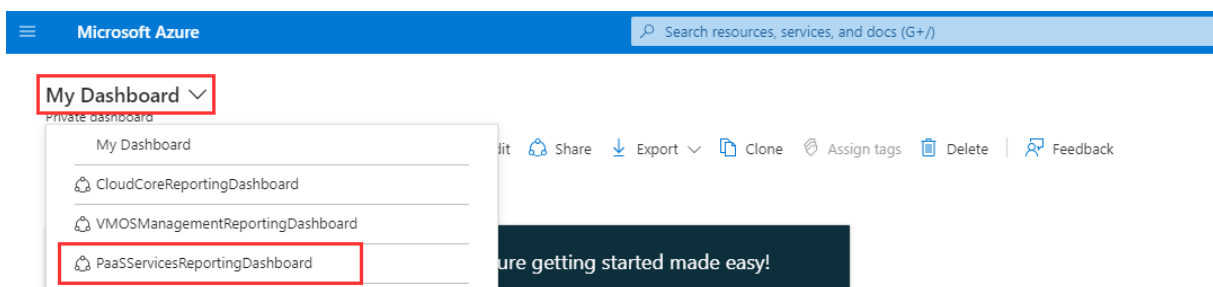
## 1. Eviden Landing Zones for Azure PaaS Services Reporting Dashboard

This dashboard is an entry point that guides you to get most of the insights on PaaS services of your cloud environment. The dashboard consists of multiple tiles that direct you to the concerning Azure Blade or Workbook. You can scroll up and down through the dashboard to see all tiles. In the following paragraphs and chapters all tiles and Workbooks will be shortly described.

To access the shared dashboard simply click on the menu on the top left in the portal. By default, "Dashboard" button is set on the top, see image below.



This should directly send you to the correct dashboard. If this is not the case, change the dashboard add the left top corner by clicking on the dashboard title and select PaaSServicesReportingDashboard, see image below.



**Note:** In case the environment has been upgraded from a previous release, it is possible that 'old dashboard names' may still appear in this overview. Once one of these is selected, an error message should be shown, and after that, the dashboard will disappear from the dropdown menu.

The PaaS Services Reporting dashboard, as in the next picture, now appears:

**PaaS Services Reporting Dashboard**

Shared dashboard

+ Create | ↑ Upload | ↻ Refresh | ⌕ Full screen | ✎ Edit | 👤 Manage sharing | ⬇ Export | 📄 Clone | 🏷 Assign tags | 🗑 Delete | 🗉 Feedback

Auto refresh: Off | UTC Time: Past 24 hours | + Add filter

**Getting Started with PaaS Services Reporting**

First time using this dashboard?  
Click the image below to get started.

**EVIDEN**

Eviden Landing Zones for Azure - PAAS Services Reporting dashboard

**Deployed PaaS services**

Download formatted results as CSV

Formatted results: On

Name	Type	Resource group	Subscription	Location	
testfredRedis01	Azure Cache for Redis	testfred-rg	testfred-sub	UK South	See details
testfredaks01	Kubernetes service	testfred-rg	testfred-sub	UK South	See details
testfredMariaDb01	Azure Database for MariaDB se...	testfred-rg	testfred-sub	UK South	See details
testfredMySQLDb01	Azure Database for MySQL sin...	testfred-rg	testfred-sub	UK South	See details
testfredPostgreDb01	Azure Database for PostgreSQL...	testfred-rg	testfred-sub	UK South	See details
testfredcosmos01	Azure Cosmos DB account	testfred-rg	testfred-sub	UK South	See details
Daily_atnine_stop	Logic app	testfred-rg	testfred-sub	West Europe	See details
Daily_atsix_start	Logic app	testfred-rg	testfred-sub	West Europe	See details
Weekly_atone_start	Logic app	testfred-rg	testfred-sub	West Europe	See details

**SQL Database**  
Azure Monitor

**Data Factory**  
Azure Monitor

**Analysis Service**  
Azure Monitor

**App Service**  
Azure Monitor

**SQL Man Instance**  
Azure Monitor

**Cosmos DB**  
Azure Monitor

**Cache for Redis**  
Azure Monitor

The **Getting Started tile [1]** is an informational tile that directs to an instruction manual on the Eviden Landing Zones for Azure reporting storage account (this document).

Below the Getting Started tile you will find an overview with **Deployed Paas Services [2]**. In this overview you will find all deployed Paas services in the environment together with the configuration information for the Paas resource, like:

- Name
- Type
- Resource group
- Subscription

- Location

By selecting the **Name [3]** in this overview you will be redirected to the Paas resource blade in Azure.

The overview also provides the option "**Download formatted result as CSV**" [4] to export the overview as a CSV file and import this file in Excel.

As in Azure resource names for PAAS services are very long we use abbreviated names for the **tiles [5]** of the workbooks to make them fit in the tile.

Here is an overview of the abbreviated names we use for the workbooks.

Report name in Tile	PAAS Resource
<b>SQL Database</b>	Azure SQL Databases
<b>Data Factory</b>	Azure Data Factory
<b>Analysis Service</b>	Azure Analysis Service
<b>App Service</b>	Azure App Service
<b>SQL Man Instance</b>	Azure SQL Managed Instance
<b>Cosmos DB</b>	Azure Cosmos DB
<b>Cache for Redis</b>	Azure Cache for Redis
<b>Cache for Redis Ent</b>	Azure Cache for Redis (Enterprise)
<b>Application Gateway</b>	Azure Application Gateway
<b>MySQL Server</b>	Azure Database for MySQL server
<b>MySQL Flex Server</b>	Azure Database for MySQL flexible server
<b>PostgreSQL Server</b>	Azure Database for PostgreSQL servers
<b>PostgreSQL Flex. Svr</b>	Azure Database for PostgreSQL flexible servers
<b>MariaDB</b>	Azure Database for MariaDB servers
<b>Databricks</b>	Azure Databricks
<b>Synapse Analytics</b>	Azure Synapse Analytics
<b>SQL Svr Stretch DB</b>	SQL Server stretch databases
<b>Dedicated SQL pools</b>	Dedicated SQL pools
<b>Cosmos DB PostgreSQL</b>	Cosmos DB for PostgreSQL clusters
<b>Data explorer cluster</b>	Data explorer clusters
<b>Container Registry</b>	Azure Container Registry
<b>AKS-Overview</b>	Azure Kubernetes Services Overview
<b>AKS-Workloads</b>	Azure Kubernetes Services Workloads
<b>Azure Function</b>	Azure Function configuration overview and workload details

## 2. SQL Database workbook

This report is used to give an overview of the available Azure SQL Databases in the environment with its configuration, the name of the SQL server, if the Azure SQL database is managed by Eviden, if the database is part of an elastic pool and if so, the state of the elastic pool.

It is possible to filter [1] on **Subscription**, **Location**, **ResourceGroup**, **SQL Server** or if the SQL Database is **Managed by Eviden**.

Dashboard >

SQL Database ...

Azure Monitor

Workbooks ? Help Auto refresh: Off

Subscription	Resource Group	SQL Server	Managed by Eviden
All	All	All	All

Name	SQLServer	Kind	ElasticPoolName	ElasticPoolState	Subscription	ResourceGroup	Location	EvidenManaged	SKU	Status
sqlserc/sqldbrebrand	sqlserc	v12.0,user					westeurope	Yes	Basic	Online

The SQL Database can be part of an Elastic Pool as will be shown in both the **Kind** [2] and **SKU**[3] column. In that case the **ElasticPoolName** and the **ElasticPoolState** [2] is also displayed in the report.

For the SQL databases is displayed if the database is **Online or Offline** in the **Status** [4] column.



### 3. Data factory workbook

The Data Factory workbook provides an overview of the Azure Data Factories that are created in the Azure environment with the most important configuration information and operational information based on a selected time range. To provide this information, the Data Factory report is divided in 2 parts:

- **Azure Data Factory Overview** with some essential configuration information
- **Azure Data Factory Analytics** with a summary of the overall health of the Data Factories and with detailed information about the health of the Data Factories

Both parts are now described in more detail

#### 3.1 Azure Data Factory Overview

In the upper part of the report there is an overview of all **Data Factories**. It is possible to **filter [1]** on **Subscription, Location, ResourceGroup, Public Network Access** or if the Data Factory is **Managed by Eviden**.

Dashboard >

Azure Data Factory ...

Azure Monitor

Workbooks ? Help Auto refresh: Off

**Azure Data Factory Overview**

Subscription	Location	ResourceGroup	Public Network Access	Managed by Eviden
All	All	All	All	All

Name	Subscription	Location	ResourceGroup	PublicNetworkAccess	EvidenManaged	Remark
data-factory-jalimg	01-09-2023-01-09-2023	westus	01-09-2023-01-09-2023	Enabled	Yes	Connected to Atos Monitored LogAnalytics Workspace
data-factory-jalimg	01-09-2023-01-09-2023	westus	01-09-2023-01-09-2023	Enabled	Yes	Connected to Atos Monitored LogAnalytics Workspace

The **PublicNetworkAccess [2]** column shows if public network access is allowed for the Data Factory. This means that all networks, including the internet can access this Data Factory.

If the Azure Data factory has the tag **EvidenManaged** set to **true** then the **EvidenManaged [3]** column shows **Yes** in the report.

In the **Remark [4]** column there are 2 possible options:

- **Connected to Eviden Monitored Log Analytics Workspace:** The Data Factory sends its diagnostics information like metrics and logs to the Log Analytics Workspace that is monitored by Eviden. This means that EvidenManages this Data Factory. In this case you will also find additional Azure Data Factory Analytics information in the second part of this report.
- **Not connected to Eviden Monitored Log Analytics Workspace or no data logged yet:** This means that the Data Factory doesn't send its logs

and metrics to the Log Analytics Workspace that is monitored by Eviden or, if the Azure Data Factory was just created and didn't start any pipeline, there was not send any data to the Log Analytics Workspace yet. In this case you will not find any data in the Azure Data Factory Analytics part of this report.

In the **Name [5]** column you can select a name of a Data factory to be redirected to the Data Factory blade in Azure.

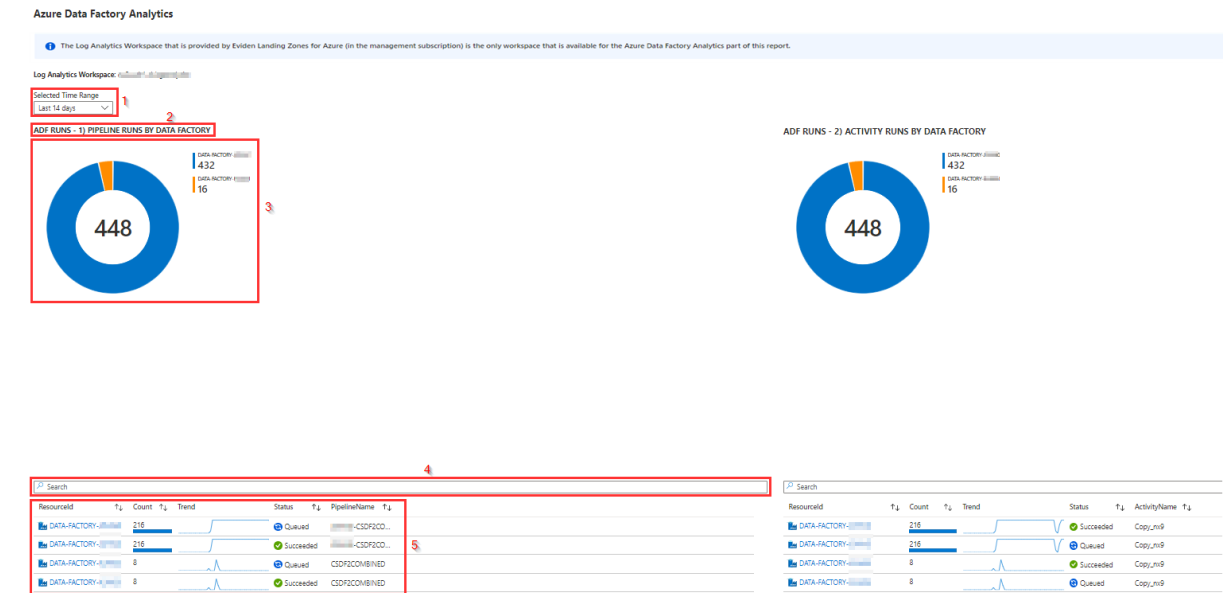
### 3.2 Azure Data Factory Analytics

In the second part of the report there is a summary of the overall health of the Data Factories with detailed information about the health of the Data Factories and to troubleshoot unexpected behaviour patterns.

The following metrics are available:

- ADF Runs - 1) Pipeline Runs by Data Factory
- ADF Runs - 2) Activity Runs by Data Factory
- ADF Runs - 3) Trigger Runs by Data Factory
- ADF Errors - 1) Top 10 Pipeline Errors by Data Factory
- ADF Errors - 2) Top 10 Activity Runs by Data Factory
- ADF Errors - 3) Top 10 Trigger Errors by Data Factory
- ADF Statistics - 1) Activity Runs by Type
- ADF Statistics - 2) Trigger Runs by Type
- ADF Statistics - 3) Max Pipeline Runs Duration

The data shown in this report is based on a **Selected Time Range [1]** (from Last 30 minutes till Last 30 days) and are displayed per **metric [2]** first in **graphical format [3]** with **detailed information underneath [5]**.



Using the **Searchbar** [4] above the detailed information for each metric you can search of filter on specific information.

This part of the report is based on the Azure Data Factory Analytics solution from Azure marketplace: <https://docs.microsoft.com/en-us/azure/data-factory/monitor-using-azure-monitor#install-azure-data-factory-analytics-solution-from-azure-marketplace>

More information about each metric can be found [here](#)

## Known Issue's

If the report is opened it will sometimes take some time before all parts of the report are available.

## 4. Analysis Service workbook

The Analysis Service workbook provides an overview of the Azure Analysis Services that are created in the Azure environment with the most important configuration information and status information.

If the Azure Analysis Service is connected to the Eviden Managed Log Analytics Workspace the status of the service (Active or Paused) is also shown in the report.

In the report there is an overview of all **Analysis Services**. It is possible to **filter [1]** on **Subscription, Location, ResourceGroup**, if the Analysis Services is **Managed by Eviden, Pricing Tier** or **Managed Mode**.

Dashboard > Analysis Service Azure Monitor

Workbooks Edit View Refresh Help Auto refresh: Off

Azure Analysis Services Overview

Subscription	Location	ResourceGroup	Managed by Eviden	Pricing Tier	Managed Mode
All	All	All	All	All	All

Name	Subscription	Location	ResourceGroup	EvidenManaged	Tier	Capacity	Man. Mode	QueryPool Con. Mode	Status	Remark
analysisrebrand		LND1	westeurope	No	B1	1	Managed	All	Unknown	Not connected to Eviden Monitored LogAnalytics Workspa

If the Azure Analysis Service has the tag **EvidenManaged** set to **true**, then the column **EvidenManaged [2]** displays **Yes** in the report. If the Azure Analysis Service is connected to the Eviden Managed **Log Analytics Workspace** the **Status [3]** of the service (Active or Paused) is also shown in the report.

In the **Remark [4]** column there are 2 possible options:

- **Connected to Eviden Monitored Log Analytics Workspace:** The Analysis Service sends its diagnostics information like metrics and logs to the Log Analytics Workspace that is monitored by Eviden. This means that Eviden Manages this Analysis Service. In this case the report also shows the status of the Analysis Service. The status is obtained from the log analytics workspace.
- **Not connected to Eviden Monitored Log Analytics Workspace or no data logged yet:** This means that the Analysis Service doesn't send its logs and metrics to the Log Analytics Workspace that is monitored by Eviden or. It is also possible that the Analysis Service hasn't been active in the past 30 days, so there was not send any data to the Log Analytics Workspace in the past 30 days. In this case the **status** is not available in this report and **Unknown** is shown in the Status column.

When the **Name [5]** of the Analysis Service is selected, the blade for the Analysis Service in the portal is opened.



**Known Issue's**

If the report is opened it will sometimes take some time before all parts of the report are available.






## 5. App Service workbook

In the report there is an overview of all **Azure App Services**. It is possible to filter [1] on **Subscription**, **ResourceGroup**, **App Service**, **App Service Plan** or if the App Services is **Managed by Eviden**.

Dashboard >

App Service  

Azure Monitor

Workbooks      Auto refresh: Off

Subscription	Resource Group	Azure App Service	App Service Plan	Managed by Eviden
All	All	All	All	All

Name	Subscription	Resource Group	Location	DefaultHostname	App service plan	EvidenManaged	Status
startstoppocama347xe4b42w	LND1	startstoppoc	westeurope	startstoppocama347xe4b42w.azurewebsites.net	startstoppocama347xe4b42w-plan	No	Stopped
startstopv2testcheck	LND1	startstopv2testcheck	westeurope	startstopv2testcheck.azurewebsites.net	ASP-startstopv2testcheck-720b	No	Running
app-serv-rebrand	LND2	test-2-paas-rebranding	westeurope	app-serv-rebrand.azurewebsites.net	ASP-test2paasrebranding-bb4f	Yes	Running
bbd-hrut-d-functionapp-billing	MGMT	bbd-hrut-d-rsg-metering	westeurope	bbd-hrut-d-functionapp-billing.azurewebsites.net	bbd-hrut-d-hostplan-billing	No	Running
dv4-mgmt-t-functionapp-itsm-pw	MGMT	dv4-mgmt-t-rsg-itsm	uksouth	dv4-mgmt-t-functionapp-itsm-pwsh.azurewebsites.net	dv4-mgmt-t-hostplan-itsm-pwsh	Yes	Running
dv4-mgmt-t-functionapp-billing	MGMT	dv4-mgmt-t-rsg-metering	uksouth	dv4-mgmt-t-functionapp-billing.azurewebsites.net	dv4-mgmt-t-hostplan-billing	Yes	Stopped
dv4-mgmt-t-functionapp-ostagging	MGMT	dv4-mgmt-t-rsg-ostagging	uksouth	dv4-mgmt-t-functionapp-ostagging.azurewebsites.net	dv4-mgmt-t-hostplan-ostagging	Yes	Running

If the Azure App Service has the tag **EvidenManaged** set to **true** then the **EvidenManaged [2]** shows **Yes** in the report.

When the **Name [3]** of the App Service is selected, the **blade for the App Service** is opened. When clicking on the name of the **App Service Plan [4]** the **Apps Service Plan blade** is opened.

In the **Status [5]** column you will find the status of the App Service. By copying the hostname in the **DefaultHostName [6]** column and preceding this name with "https://" you can check the status of the App Service using a webbrowser also.

### Known Issue's

If the report is opened it will sometimes take some time before all parts of the report are available.

## 6. SQL Managed Instance workbook

This report is used to give an overview of all deployed Azure SQL Managed instances in the environment with current configuration and the state. The bottom part of the report shows all deployed databases for the select SQL managed instance(s)

It is possible to **filter [1]** on **Subscription**, **Resource group**, **SQL managed instance name**, and on **Managed by Eviden**.

Dashboard >

**SQL Man Instance**

Azure Monitor

? Help Auto refresh: Off

Subscription	Resource Group	SQL Managed Instance	Managed by Eviden
All	All	All	All

Azure SQL Managed instances

Name	State	CPU size	Storage size	Location	Resource group	Subscription	EvidenManaged
sql-mi-rebrand	Online	4	32	westeurope	sql-mi-rebrand	sql-mi-rebrand	Yes

Managed instance databases

Database name	Status	SQL Managed instance
sql-mi-rebrand/rebranddb	Online	sql-mi-rebrand
sql-mi-rebrand/testdb	Online	sql-mi-rebrand

If the Azure SQL Managed instance has tag **EvidenManaged** set to **true** then the **EvidenManaged [2]** column is set to **Yes** in the report. If tag EvidenManaged is not set or has value "false" or any other value, then **EvidenManaged [2]** column is set to "No" in the report.

In the **State [3]** column is visible if the SQL managed instance is **Ready**. As the creation of a SQL Managed instance takes several hours it is possible that **State** still shows **Creating** if the SQL managed Instance has just created or **Deleting** if the SQL Managed Instance is being deleted, which can also take up to 2 hours.

For the SQL Managed Instances the **CPU size** and the **Storage Size** are also shown in separate columns.

The bottom part of the report shows all deployed databases for the select SQL managed instance(s) together with the **State [5]** and the **SQL Managed Instance [6]** it belongs to.

Left-clicking on name of the **SQL Managed instance name[4]** and/or **Database Name [7]** will open the associated standard Azure Portal blade for the corresponding Azure resource.

#### **Known Issues.**

If the report is opened it will sometimes take some time before all parts of the report are available.



## 7. Cosmos DB workbook

In the top part of the report there is an overview of all **Azure Cosmos DB accounts** in the environment. It is possible to **filter** [1] on **Subscription**, **ResourceGroup**, **Cosmos DB account** or if the service is **Managed by Eviden**.

Dashboard > Cosmos DB Azure Monitor

Workbooks Edit Auto refresh: Off

Subscription Resource Group Cosmos DB account Managed by Eviden

Azure Cosmos DB accounts

Resource	Name	Status	Account kind	API type enabled	Location	Backup Type	EvidenManaged	Resource group	Subscription
cosmos-rebrand	cosmos-rebrand	Online	GlobalDocumentDB	Sql	westeurope	Periodic (Geo)	yes		

Azure Cosmos DB resource health

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group	Subscription
cosmos-rebrand	Available		10/08/2023, 11:00:45	Transient		10/08/2023, 11:19:53	There aren't any known problems affecting this Cosmos ...	Available		

In the report the **Account kind** [2], **Api type enabled** [3] and **Backup Type** [4] information is available together with **Location**, **Resource group** and **Subscription**. By clicking on the **name of the Resource** [5] you are redirected to the Azure blade of the Cosmos DB account. If the **Azure Cosmos DB account** has the tag **EvidenManaged** set to **true** then the **Eviden Managed** column is set to **Yes** in the report.

In the **bottom overview** the **Availability state** [7] of the Cosmos DB account is displayed together with **Detailed status**, **Occurred time** (moment state was changed to current state), **Reason**, **Reported time**, **Summary** [8], **Title**, **Resource Group** and **Subscription** Information.

**Availability State** [6] as shown in bottom overview can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

**Summary** [8] provides a short description about the **Availability State**.

**Known Issue's**

As the Cosmos DB account is not a resource that can be stopped or paused no Detailed status information is available in the report, only Availability state is available.

## 8. Cache for Redis workbook

In the report there is an overview of all **Azure Cache for Redis services** in the environment. It is possible to **filter [1]** on **Subscription, ResourceGroup, Redis Account** or if the service is **Managed by Eviden**.

Dashboard >

Cache for Redis

Azure Monitor

Workbooks Edit Help Auto refresh: Off

Subscription	Resource Group	Redis account	Managed by Eviden
All	All	All	All

Azure cache for Redis accounts

Resource	Name	SKU	Status	Location	Redis version	Replicas	Backup RDB	Backup AOF	EvidenManaged	Resource group	Subscription
redis-rebrand	redis-rebrand	Basic	Running	westeurope	6.0	N/A	no	no	yes	eastus	Microsoft Azure LND1

Azure cache for Redis resource health

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group
redis-rebrand	Available		10/08/2023, 11:19:50	Transient		10/08/2023, 11:39:49	There aren't any known Azure platform problems affectin...	Available	eastus

In the report the **SKU, Location, Redis Version, Replicas and backup information [2]** is available together with the **Resource group** and **Subscription**. If the **Cache for Redis service** has the tag **EvidenManaged** set to **true** then the **Eviden managed [3]** column is set to **Yes** in the report. By clicking on the **name of the Resource [4]** you are redirected to the Azure blade of the Cache for Redis Service.

In the **bottom overview** the **Availability state [5]** of the Cache for Redis account is displayed together with **Detailed status, Occurred time** (moment state was changed to current state), **Reason, Reported time, Summary [6], Title, Resource Group** and **Subscription** Information.

**Availability state [5]** as shown in bottom overview can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

**Summary [6]** provides a short description about the **Availability State**.

**Known Issue's**

As Cache for Redis is not a resource that can be stopped or paused no Detailed status information is available in the report, only Availability state is available.

## 9. Cache for Redis Ent. Workbook

In the report there is an overview of all **Azure Cache for Redis Enterprise-tier** services in the environment. It is possible to **filter [1]** on **Subscription**, **ResourceGroup**, **Redis Enterprise** cache name or if the service is **Managed by Eviden**.

Dashboard >

Cache for Redis Ent

Azure Monitor

Workbooks Edit Auto refresh: Off

Subscription	Resource group	Redis enterprise	Managed by Eviden
All	All	All	All

Azure cache for Redis enterprise accounts

Resource	Name	Type	SKU	Status	Provisioning state	Location	Availability zones	EvidenManaged	Resource group	Subscription
redis-ent-rebrand	redis-ent-rebrand	Redis Enterprise	Enterprise_E10	Running	Succeeded	westeurope	NJA	yes		

In the report the **SKU [2]** and **Status [3]** are displayed together with **Resource location, Availability zones [4], Resource group** and **Subscription**. Note that **Type [7]** is hardcoded set to "Redis Enterprise".

The **SKU [2]** for a Cache for Redis Enterprise always starts with **Enterprise\_** followed by **E10, E20, E50 or E100**. **E10** is the cheapest SKU. For more information and pricing check this [link](#).

If the Azure Cache for Redis Enterprise is available, the **Resource state [3]** shows **Running**. If Zone Redundancy is enabled, this is visible in the **Availability zones [4]** column.


If the Azure Cache for Redis Enterprise-tier service has the tag **EvidenManaged** set to **true**, then the **EvidenManaged [5]** column is set to Yes in the report. When the Resource name of the **Cache for Redis Enterprise [6]** is selected the **Azure portal blade for Cache for Redis Enterprise** is opened for that resource.

## 10. Application Gateway workbook








The Azure Application Gateway report provides an overview of Azure Application Gateways that are deployed in the Azure environment with the most important configuration and status information.

It is possible to **filter [1]** on **Subscription**, **Resource group**, **Application Gateway name**, and on **Managed by Eviden**.

Dashboard >


**Application Gateway**  ...

Azure Monitor

 Workbooks  Edit     ? Help  Auto refresh: Off

Subscription	Resource Group	Application Gateway	Managed by Eviden
All	All	All	All

Name	Location	Resource group	Subscription	SKU	Capacity	State	EvidenManaged
 app-gw	westeurope	test-1-paas-rebranding	DCS AZURE DEV4 CUST7 LND1	Standard_v2	1	Running	Yes

The **SKU [2]** column shows if the Application gateway is a standard application gateway (**Standard**) or if it has the Web Application Firewall (**WAF**) enabled.

The **Capacity [3]** column shows the instance count for the application gateway. In the **State [4]** column the operational state is shown. this can be **Running** or **Stopped**.

If the Azure Application Gateway has tag **EvidenManaged** set to **true** then **EvidenManaged [5]** is set to **Yes** in the report. If tag EvidenManaged is not set or has value "false" or any other value, then "Managed by Eviden" is set to "No" in the report.

Left-clicking on **name of the Azure Application Gateway [6]** will open the associated standard Azure Portal blade for the corresponding Azure Application Gateway resource.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.

Note that this report will just show state for the Application Gateway instance itself and does not include details and health of configured backend resources. This information is available in the standard Azure Portal blade for each Azure Application Gateway instance.

## 11. MySQL Server workbook

The MySQL Server report provides an overview of Azure Database for MySQL Servers that are deployed in the Azure environment with the most important configuration information and status information.

For this the report consists of 2 parts:

- An overview of the configuration information of the Azure Database for MySQL servers
- The health information of the Azure Database for MySQL servers

It is possible to filter[1] on **Subscription**, **Resource group**, **MySQL Database name**, and on **Managed by Eviden**.

The filters apply to both parts of the report.

Dashboard > MySQL Server

Subscription: All, Resource Group: All, Azure MySQL database: All, Managed by Eviden: All

Azure databases for MySQL

Resource	Name	Status	MySQL version	SKU	Location	EvidenManaged	Resource group	Subscription
mysql-single-rebrand	mysql-single-rebrand	Available	5.7	Basic, Gen5, 1 cores	westeurope	no		LND2

Azure databases for MySQL health

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group	Subscription
mysql-single-rebrand	Available		10/08/2023, 15:40:50	Persistent	Planned	10/08/2023, 16:04:24	There aren't any known Azure platform problems affectin...	Available		

### 11.1 Overview of the Azure Database for MySQL servers

In the overview part of the report you find the **Status [2]** column for the MySQL servers. The status can be **Available**, **Stopping**, **Stopped** or **Starting**. The **MySQL version [3]** column shows the version of MySQL that is deployed and the **SKU [4]** column shows information about the Tier, Family and Cores for the MySQL server.

If the Azure MySQL server instance has tag **EvidenManaged** set to **true** then **EvidenManaged [5]** is set to **Yes** in the report. If tag EvidenManaged is not set or has value "false" or any other value, then *EvidenManaged [5]\** is set to **No** in the report.

By selecting the **name of the MySQL server [6]** in the **Resource** column you are redirected to the blade of the MySQL server in Azure.

## 11.2 Health information of the Azure Database for MySQL servers

In the health information part you will find the **Availability state [7]** column that shows the health of the MYSQL server and a **Summary [8]** column with a short description about the Availability state.

**Availability state [7]** can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.




## 12. MySQL Flex Server workbook





The MySQL Flex Server report provides an overview of Azure Databases for MySQL Flexible Servers that are deployed in the Azure environment with the most important configuration information and status information.

It is possible to **filter [1]** on **Subscription**, **Resource group**, **Azure MySQL Database name**, and on **Managed by Eviden**.

Dashboard >


MySQL Flex Server  ...

Azure Monitor

Workbooks Edit    ? Help  Auto refresh: Off

Subscription	Resource Group	Azure MySQL database	Managed by Eviden
All	All	All	All

Azure databases for MySQL flexible server

Resource	Name	Status	MySQL version	SKU name	SKU tier	HA state	Location	EvidenManaged	Resource group	Subscription
 mysql-flex-rerand	mysql-flex-rerand	Available	8.0.21	Standard_B1s	Burstable	No data	westeurope	yes		

In the overview part of the report you find the **Status [2]** column for the MySQL Flexible Servers. The status can be **Available**, **Stopping**, **Stopped** or **Starting**. The **MySQL version [3]** column shows the version of MySQL that is deployed, the **SKU name [4]** column shows Compute size of the MYSQL flexible server while **SKU Tier [5]** shows the Compute Tier. The Compute tier can be **Burstable**, **General Purpose** or **Business Critical**. The **HA state [6]** column shows if for the MYSQL Flexible server High Availability is enabled. If it shows **No data** then High Availability is not enabled. High Availability is not supported for the Burstable tier.

If the Azure MySQL Flexibel Server has tag **EvidenManaged** set to **true** then **EvidenManaged [7]** is set to **Yes** in the report. If tag EvidenManaged is not set or has value **false** or any other value, then **EvidenManaged [7]** is set to **No** in the report.

Left-clicking on **name of the Azure MySQL Flexible Server [8]** will open the associated standard Azure Portal blade for the corresponding Azure MySQL Flexible Server resource.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.

## 13. PostgreSQL Server workbook

The PostgreSQL Server report provides an overview of Azure Databases for PostgreSQL single servers that are deployed in the Azure environment with the most important configuration information and status information.

For this the report consists of 2 parts:

- An overview of the configuration information of the Azure Database for PostgreSQL servers
- The health information of the Azure Database for PostgreSQL servers

It is possible to **filter [1]** on **Subscription**, **Resource group**, **Azure PostgreSQL Database name**, and on **Managed by Eviden**. The filters apply to both parts of the report.

Dashboard > PostgreSQL Server

Subscription: All, Resource Group: All, Azure PostgreSQL data: All, Managed by Eviden: All

Azure databases for PostgreSQL server

Resource	Name	Status	PostgreSQL version	SKU name	SKU tier	Location	EvidenManaged	Resource group	Subscription
postgres-single-rebrand	postgres-single-rebrand	Available	11	B_Gen5_1	Basic	westeurope	yes		

Azure databases for PostgreSQL server health

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group
postgres-single-rebrand	Available		10/08/2023, 13:13:44	Persistent	Planned	10/08/2023, 13:50:47	There aren't any known Azure platform problems affectin...	Available	

### 13.1 Overview of the Azure Database for PostgreSQL servers

In the overview part of the report, you find the **Status [2]** column for the Azure Database for PostgreSQL servers. The status can be **Available**, **Stopping**, **Stopped** or **Starting**. The **PostgreSQL version [3]** column shows the version of PostgreSQL that is deployed and the **SKU name [4]** column shows **Compute size** of the PostgreSQL server while **SKU Tier [5]** shows the **Compute Tier**. The Compute tier can be **Basic**, **General Purpose** or **Memory Optimized**.

If the Azure Database for PostgreSQL server has tag **EvidenManaged** set to **true**, then **EvidenManaged [6]** is set to **Yes** in the report. If tag **EvidenManaged** is not set or has value "false" or any other value, then **EvidenManaged [6]** is set to **No** in the report.

Left-clicking on **name of the Azure Database for PostgreSQL server [7]** will open the associated standard Azure Portal blade for the corresponding Azure Database for PostgreSQL server resource.

### 13.2 Health information of the Azure Database for PostgreSQL servers

In the health information part you will find the **Availability state [7]** column that shows the health of the PostgreSQL server and a **Summary [8]** column with a short description about the Availability state.

**Availability state [7]** can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

#### **Known issues and limitations**

If the report is opened it will sometimes take some time before all parts of the report are available.

## 14. PostgreSQL Flex. Svr workbook

The PostgreSQL Flex. srv report provides an overview of Azure Databases for PostgreSQL Flexible servers that are deployed in the Azure environment with the most important configuration information and status information.

It is possible to **filter [1]** on **Subscription**, **Resource group**, **Azure PostgreSQL Database name**, and on **Managed by Eviden**.

Dashboard >

PostgreSQL Flex Svr

Azure Monitor

Workbooks Edit Auto refresh: Off

Subscription	Resource Group	Azure PostgreSQL data...	Managed by Eviden
All	All	All	All

Azure databases for PostgreSQL flexible server

Resource	Name	Status	PostgreSQL version	SKU name	SKU tier	HA state	Location	EvidenManaged	Resource group	Subscription
postgres-flex-rebrand	postgres-flex-rebrand	Available	15	Standard_B1ms	Burstable		westeurope	yes		

In the overview part of the report you find the **Status [2]** column for the PostgreSQL Flexible Servers. The status can be **Available**, **Stopping**, **Stopped** or **Starting**. The **PostgreSQL version [3]** column shows the version of PostgreSQL that is deployed, the **SKU name [4]** column shows **Compute size** of the PostgreSQL flexible server while **SKU Tier [5]** shows the **Compute Tier**. The Compute tier can be **Burstable**, **General Purpose** or **Memory Optimized**.

The **HA state [6]** column shows if for the PostgreSQL Flexible server High Availability is enabled. High Availability is not supported for the **Burstable** tier.

If the Azure MySQL Flexibel Server has tag **EvidenManaged** set to **true** then **EvidenManaged [7]** is set to **Yes** in the report. If tag EvidenManaged is not set or has value **false** or any other value, then **EvidenManaged [7]** is set to **No** in the report.

Left-clicking on **name of the Azure MySQL Flexible Server [8]** will open the associated standard Azure Portal blade for the corresponding Azure MySQL Flexible Server resource.

## 15. MariaDB workbook

The MariaDB report provides an overview of Azure Databases for MariaDB server that are deployed in the Azure environment with the most important configuration information and status information.

For this the report consists of 2 parts:

- An overview of the configuration information of the Azure Database for MariaDB servers
- The health information of the Azure Database for Azure Database for MariaDB servers

It is possible to **filter [1]** on **Subscription**, **Resource group**, **Azure MariaDB database name**, and on **Managed by Eviden**. The filters apply to both parts of the report.

Dashboard > MariaDB Azure Monitor

Workbooks Edit Help Auto refresh: Off

Subscription	Resource Group	Azure MariaDB database	Managed by Eviden
All	All	All	All

Azure databases for MariaDB server

Resource	Name	Status	MariaDB Version	SKU	Location	EvidenManaged	Resource group	Subscription
maria-rebrand	maria-rebrand	Available	10.3	B_Gen5_1	westeurope	yes		

Azure databases for MariaDB server health

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group
maria-rebrand	Available		10/08/2023, 13:13:49	Persistent	Planned	10/08/2023, 14:09:43	There aren't any known Azure platform problems affectin...	Available	

### 15.1 Overview of the Azure Database for MariaDB servers

In the overview part of the report you find the **Status [2]** column for the Azure Database for MariaDB servers. The status can be **Available**, **Stopping**, **Stopped** or **Starting**. The **MariaDB version [3]** column shows the version of MariaDB that is deployed and the **SKU [4]** column shows information about the Compute size for the MariaDB server.

If the Azure Database for MariaDB server has tag **EvidenManaged** set to **true**, then **EvidenManaged** is set to **Yes** in the report. If tag EvidenManaged is not set or has value **false** or any other value, then **EvidenManaged** is set to **No** in the report.

By selecting the **name of the MariaDB server [6]** in the **Resource** column you are redirected to the blade of the MySQL server in Azure.

## 15.2 Health information of the Azure Database for MariaDB servers

In the health information part, you will find the **Availability state [7]** column that shows the health of the MariaDB server and a **Summary [8]** column with a short description about the Availability state.

**Availability state [7]** can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

### **Known issues and limitations.**

If the report is opened it will sometimes take some time before all parts of the report are available.

## 16. Databricks workbook

The Databricks report provides an overview of Azure Databricks Workspaces and Azure Databricks clusters that are deployed in the Azure environment with the most important configuration information and status information.

For this the report consists of 2 parts:

- An overview of the configuration information of the Azure Databricks environments
- An overview of the configuration information of the Azure Databricks clusters and VMs

It is possible to filter [1] on **Subscription**, **Resource group**, **Databricks Workspace**, **Workspace ID** and on **Managed by Eviden**. The filters **Subscription**, **Resource group**, **Managed by Eviden**, **Databricks Workspace** apply to the **first part** (Azure Databricks environments) of the report. The **Subscription** and **Workspace ID** apply to the **bottom part** (Azure Databricks clusters and VMs) of the report.

The screenshot shows the Databricks report interface. At the top, there are filter dropdowns for Subscription, Resource Group, Managed by Eviden, Databricks workspace, and Workspace ID, labeled with a red box and number 1. Below this, the report is divided into two main sections: 'Azure Databricks environments' and 'Azure Databricks clusters and VMs'.

The 'Azure Databricks environments' section contains a table with columns: Resource, Name, Resource type, Provisioning state, SKU, Location, EvidenManaged, Subscription, Resource group, and Workspace Id. Red boxes and numbers highlight specific columns: Resource type (2), Provisioning state (3), SKU (4), EvidenManaged (5), and Workspace Id (6). A red box and number 7 highlights the 'databricks-rebrand' resource.

The 'Azure Databricks clusters and VMs' section contains a table with columns: Resource, Name, Resource type, Cluster name, Provisioning state, SKU, Resource class, VM Size, Location, Subscription, Resource group, and Workspace Id. Red boxes and numbers highlight specific columns: Resource type (8), Cluster name (9), Provisioning state (10), SKU (11), Resource class (12), VM Size (13), Subscription (14), Resource group (15), and Workspace Id (16). Red boxes and numbers 17, 18, and 19 highlight specific rows in the table.

### 16.1 Overview of the Azure Databricks environment

The **Resource type** [2] column for databricks will always show Workspaces as a resource type in the first part of the report. The **Provisioning state** [3] column shows **Succeeded** if the databricks workspace is available. Other values can be **Creating** or **Deleting**.

The **SKU** [4] column shows the Pricing Tier for the Databricks workspace. SKU can be:

- **Trial** (Premium - 14 days Free DBU's)
- **Premium** (+ Roel-based access controls)
- **Standard** (Apache Spark, Secure with Azure AD)

If the Azure Databricks workspace has tag **EvidenManaged** set to **true** then **EvidenManaged [5]** is set to **Yes** in the report. If tag EvidenManaged is not set or has value "false" or any other value, then **EvidenManaged [5]** is set to **No** in the report.

In the last column you will find the **Workspace Id [6]** of the Databricks workspace. By using the **Workspace ID filter [1]** at the top, to select the Workspace Id as is visible in this column, the clusters and Vm's that belong to a specific Databricks workspace can be selected for the bottom part of the report. By selecting the **name of the Databricks Workspace [7]** in the **Resource** column you are redirected to the blade of the Databricks Workspace in Azure.

## 16.2 Overview of the Azure Databricks clusters and VMs

This bottom part of the report shows the configuration information of the **Azure Databricks clusters** and **VMs** based on the **Subscription** and **Workspace ID** filters at the top of the report.

In this part for the Azure Databricks clusters and Vm's you also find the **Resource type [8]** column. In this part the Resource type is **Cluster** even if its only consisting of one virtual machine. In that case it will be a single node cluster. For a cluster you will find the name in the **Cluster name [9]** column. If the cluster or VM is available **Provisioning state [10]** is **succeeded**. Other values for this column are **Creating** or **Deleting**.

For a Databricks cluster the **SKU [11]** will be **DataBricksWorker**. The **Resource class [12]** column shows if its a SingleNode or MultiNode cluster and in the **VM Size [13]** column the Size of the VM/Node is shown.

For Databricks clusters, automatically a separate resource group is created in the same Subscription as the Databricks workspace. The name of this resourcegroup can be found in the **Resource group [14]** column.

In the last column you will find the **Workspace Id [15]** of the Databricks workspace. By using the **Workspace ID filter [1]** at the top, to select the Workspace Id as is visible in this column, the clusters and Vm's that belong to a specific Databricks workspace can be selected for the bottom part of the report.

Left-clicking on name of the **Azure Databricks Cluster [16]** will open the associated standard Azure Portal blade for the corresponding Azure Databricks environment.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.



## 17. Synapse Analytics workbook

This report shows an overview of all deployed Azure Synapse Analytics Workspaces in the environment with current configuration, health state and Synapse Analytic pools.

For this the report consists of 3 parts:

- Azure Synapse Workspaces: An overview of the configuration information of the Azure Synapse Analytics Workspaces
- Synapse Workspace Health: The health information of the Azure Synapse Analytics Workspaces
- Synapse Analytics pools: An overview of the Synapse Analytic pools

It is possible to **filter [1]** on **Subscription, Resource group, Managed by Eviden, Synapse Workspaces** and on **Synapse Analytics Pools**. The filters **Subscription, Resource group, Managed by Eviden, Synapse Workspaces** apply to the first part of the report. **Synapse Workspaces** applies to the second part of the report and filter **Synapse Analytics Pools** only applies to the bottom part of the report as this is the only part where the pools are visible.

Dashboard > Synapse Analytics Azure Monitor

Workbooks Edit Help Auto refresh: Off

Subscription	Resource Group	Managed by Eviden	Synapse workspace	Synapse Analytic pools
All	All	All	All	All

Azure Synapse workspaces

Resource	Name	Location	Provisioning state	EvidenManaged	Resource group	Subscription
synapse-wp-rebrand	synapse-wp-rebrand	westeurope	Succeeded	yes	synapse-wp-rebrand	Microsoft Azure Synapse Analytics LND2

Synapse workspace health

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group	Subscription
synapse-wp-rebrand	Available		10/08/2023, 14:14:21	Transient		10/08/2023, 14:30:41	There aren't any known Azure platform problems affectin...	Available	synapse-wp-rebrand	Microsoft Azure Synapse Analytics LND2

Synapse Analytic pools

Resource	Name	Resource type	Kind	Tier	Provisioning state	State	Location	Resource group
synapse-wp-rebrand/sparkpool	sparkpool	SQL Server			Succeeded	Online	westeurope	synapse-wp-rebrand

### 17.1 Azure Synapse Workspaces

In this overview part of the report the **Provisioning state [2]** column shows **Succeeded** if the Synapse workspace is available. Other values can be **Creating** or **Deleting**.

If the Azure Synapse Analytics Workspace has tag **EvidenManaged** set to **true** then **EvidenManaged [3]** is set to **\*\* Yes \*\*** in the report. If tag

EvidenManaged is not set or has value **false** or any other value, then **EvidenManaged** is set to **No** in the report.

Left-clicking on **name of the Azure Synapse Analytics Workspace** in the **Resource [4]** column will open the associated standard Azure Portal blade for the corresponding Azure Synapse Analytics Workspace resource.

## 17.2 Synapse Workspace Health

In the health information part you will find the **Availability state [5]** column that shows the health of the Synapse Workspace and a **Summary [6]** column with a short description about the Availability state.

**Availability state [5]** can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

## 17.3 Synapse Analytics pools

In the bottom part of the report you find the deployed Synapse Analytic pools based on the Synapse Analytic pools [1] filter. The Resource type [7] columns show the type of pool. This can be a SQL pool, Apache Spark pool or a Data Explorer pool.

In the **Provisioning state [8]** you find the Status of the pool.

Left-clicking on **name of the Azure Synapse Analytics pool** in the **Resource [9]** column will open the associated standard Azure Portal blade for the corresponding Azure Synapse Analytics pool resource.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.

## 18. SQL Srv Stretch DB workbook

**N.B. Stretch Database is deprecated in SQL Server 2022 (16.x). This feature will be removed in a future version of Microsoft SQL Server. Avoid using this feature in new development work, and plan to modify applications that currently use this feature. For more information check this [link](#).**

The SQL Svr Stretch DB report provides an overview of Azure SQL Server stretch databases that are deployed in the Azure environment with the most important configuration information and status information.

This report consists of 2 parts:

- An overview of SQL Server Stretch databases with the configuration information
- The health state of the SQL server stretch databases.

### 18.1 SQL Server Stretch databases

This top part shows the SQL Server Stretch databases with their configuration information.

It is possible to filter [1] on **Subscription**, **Resource group**, **Stretch database**, and on **Managed by Eviden**.

Subscription	Resource Group	Managed by Eviden	Stretch database
All	All	All	All

Resource	Name	Server name	Status	Service tier	Sku Tier	Kind	Location	EvidenManaged
an-nest-stretch-sql/RDAAAdventureWorks	RDAAAdventureWorksDW01720D87307-31CD-459E-8E4B...	an-nest-stretch-sql	Online	Stretch DS100-750 DTUs	Stretch	v12.0,user:stretch	westeurope	no
an-nest-stretch-sql/RDAAAdventureWorks	RDAAAdventureWorksDW01720D87307-31CD-459E-8E4B...	an-nest-stretch-sql	Online	Stretch DS100-750 DTUs	Stretch	v12.0,user:stretch	westeurope	no

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary
an-nest-stretch-sql/RDAAAdventureWorks	Unknown	Resource health details data is not available right now. PL...					Resource health details data is not available right now. PL...
an-nest-stretch-sql/RDAAAdventureWorks	Unknown	Resource health details data is not available right now. PL...					Resource health details data is not available right now. PL...

The **Server name** [2] column shows the name of the SQL server that hosts the stretch database. The **Status** [3] columns shows if the database is **Online**. The compute size for the stretched database is shown in the **Service tier** [4] column. The **SKU Tier** [5] column will shows Stretch for this type of SQL database, while the **Kind** [6] column shows the SQL type and version.

If the Stretch database has tag **EvidenManaged** set to **true**, then **EvidenManaged** [7] column is set to **Yes** in the report. If tag EvidenManaged

is not set or has value **false** or any other value, then **EvidenManaged** is set to **No** in the report.

Left-clicking on **name of the Stretch database [8]** will open the associated standard Azure Portal blade for the corresponding Azure Stretch database.

## 18.2 SQL database health

In the health information part you will find the **Availability state [9]** column that shows the health of the Stretch database and a **Summary [10]** column with a short description about the Availability state.

**Availability state [9]** can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

### **Known issues and limitations.**

If the report is opened it will sometimes take some time before all parts of the report are available.

## 19. Dedicated SQL pools workbook

This report shows an overview of all deployed Dedicated SQL pools in the environment with current configuration and the SQL database health state.

This report consists of 2 parts:

- An overview of Dedicated SQL Databases with the configuration information
- The health state of the Dedicated SQL pools.

In the report it is possible to **filter [1]** on **Subscription**, **Resource group**, **Dedicated databases**, and on **Managed by Eviden**.

**Dedicated SQL pools**

Subscription: All, Resource Group: All, Managed by Eviden: All, Dedicated databases: All

Resource	Name	Server name	Service tier	Generation	Location	EvidenManaged	Resource group	Subscription
sqlserver/dedi-sqlpool-rebrand	dedi-sqlpool-rebrand	sqlserc	DW100c	gen2	westeurope	yes	sqlserver-rebranding	UK

**SQL database health**

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group	Subscription
sqlserver/dedi-sqlpool-rebrand	Unknown		10/08/2023, 15:01:23	Transient		10/08/2023, 15:01:23	We're unable to show health status for your SQL databas...	Unknown	sqlserver-rebranding	UK

### 19.1 Dedicated SQL databases

In the **Server name [2]** column the name of the SQL server that hosts the Dedicated SQL pool is shown. The **Service tier [3]** column shows the scale compute (to meet performance demands) in data warehouse units. In the **Generation [5]** column the performance level is shown. Generation can be **Gen2** or **Gen1**, where Gen2 offers the highest performance and storage scalability options for intensive workloads. The settings for **Service tier and Generation** together determines the **performance level** for the dedicated SQL database.

If the Dedicated SQL pool has tag **EvidenManaged** set to **true** then **EvidenManaged [5]** is set to **Yes** in the report. If tag EvidenManaged is not set or has value **false** or any other value, then **EvidenManaged [5]** is set to **No** in the report.

Left-clicking on name of the Dedicated SQL pool in **Resource [6]** will open the associated standard Azure Portal blade for the corresponding Azure Dedicated SQL pool resource.

## 19.2 SQL database health

In the health information part you will find the **Availability state [7]** column that shows the health of the SQL database and a **Summary [8]** column with a short description about the Availability state.

**Availability state [7]** can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

### **Known issues and limitations.**

If the report is opened it will sometimes take some time before all parts of the report are available.

## 20. Cosmos DB for PostgreSQL workbook

The Cosmos DB for PostgreSQL report provides an overview of Azure Cosmos DB for PostgreSQL clusters that are deployed in the Azure environment with the most important configuration information and status information.

It is possible to filter [1] on **Subscription**, **Resource group**, **Cosmos DB for PostgreSQL cluster**, and on **Managed by Eviden**.

Dashboard >

Cosmos DB PostgreSQL

Azure Monitor

Workbooks Edit Refresh Help Auto refresh: Off

Subscription	Resource Group	Managed by Eviden	Cosmos DB for PostgreSQL cluster
All	All	All	All

Resource	Name	Status	High Availability	Server Edition	Server Count	PostgreSQL Version	Citus Version	EvidenManaged	Location	Resource group	Subscription
postgres-hyp-rebrand	postgres-hyp-rebrand	Available	Disabled	BurstableMemoryOptimized	1	15	12.0	yes	westeurope	postgres-hyp-rebrand	UND1

The **Status** [2] column shows if the PostgreSQL Hyperscale server group is available. The **High Availability** [3] column shows if the PostgreSQL Hyperscale server group is **Enabled** or **Disabled**.

In the **Server Edition** [4] column you will find the Cosmos DB for PostgreSQL cluster Scale, based on the node compute and RAM configuration, while the number of nodes can be found in the **Server count** [5] column.

The **PostgreSQL Version** [6] shows the PostgreSQL version while the **Citus version** [7] column shows the Citus version for the PostgreSQL Hyperscale server group.

If the Azure Database for PostgreSQL Hyperscale (Citus) server group has tag **EvidenManaged** set to **true** then **EvidenManaged** [8] is set to **Yes** in the report. If tag EvidenManaged is not set or has value **false** or any other value, then **EvidenManaged** is set to **No** in the report.

Left-clicking on **name of the Azure Database for PostgreSQL Hyperscale (Citus) server group** [9] in the Resource column will open the associated standard Azure Portal blade for the corresponding Azure Database for PostgreSQL Hyperscale (Citus) server group.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.

## 21. Data explorer cluster workbook

The Data Explorer report provides an overview of Azure Data Explorer clusters that are deployed in the Azure environment with the most important configuration information and status information.

For this the report consists of 2 parts:

- An overview of the configuration information of the Azure Data Explorer clusters
- The health information of the Azure Data Explorer clusters

It is possible to **filter [1]** on **Subscription**, **Resource group**, **Data explorer cluster**, and on **Managed by Eviden**.

Subscription	Resource Group	Managed by Eviden	Data explorer cluster
All	All	All	All

Resource	Name	Status	SKU	SKU tier	Location	EvidenManaged	Resource group	Subscription
<a href="#">data-exp-rebrand</a>	data-exp-rebrand	Running	Dev(No SLA)_Standard_E2a_v4	Basic	westeurope	Yes		

Name	Availability state	Detailed status	Occurred time	Reason chronicity	Reason type	Reported time	Summary	Title	Resource group	Subscription
<a href="#">data-exp-rebrand</a>	Available	Persistent	10/08/2023, 14:26:11	Persistent		10/08/2023, 15:26:11	There aren't any known problems affecting this Azure Dat...	Available		

### 21.1 Overview of the Azure Data Explorer clusters

In the overview part of the report you find the **Status [2]** column for the Azure Data Explorer cluster. The status can be **Running**, **Stopping**, **Stopped** or **Starting**. The **SKU [3]** column shows the SKU for the Data cluster. Azure Data Explorer offers two types of clusters: Production (with SLA) and Dev/Test (no SLA). As part of the SKU the compute size is also shown. In the **SKU tier [4]** column the tier for the SKU is shown.

If the Azure Data explorer cluster has tag **EvidenManaged** set to **true** then **EvidenManaged [5]** is set to **Yes** in the report. If tag EvidenManaged is not set or has value **false** or any other value, then **EvidenManaged** is set to **No** in the report.

Left-clicking on **name of the Azure Data explorer cluster [6]** in the Resource column will open the associated standard Azure Portal blade for the corresponding Azure Database for PostgreSQL Hyperscale (Citrus) server group.



## 21.2 Health information of the Azure Data explorer cluster

In the health information part you will find the **Availability state [7]** column that shows the health of the Azure Data explorer cluster and a **Summary [8]** column with a short description about the Availability state.

**Availability state [7]** can have the following value's:

- **Available** means that there are no events detected that affect the health of the resource.
- **Unavailable** means that the service detected an ongoing platform or non-platform event that affects the health of the resource.
- **Unknown** means that Resource Health hasn't received information about the resource for more than 10 minutes.
- **Degraded** means that your resource detected a loss in performance, although it's still available for use.

### **Known issues and limitations.**

If the report is opened it will sometimes take some time before all parts of the report are available.

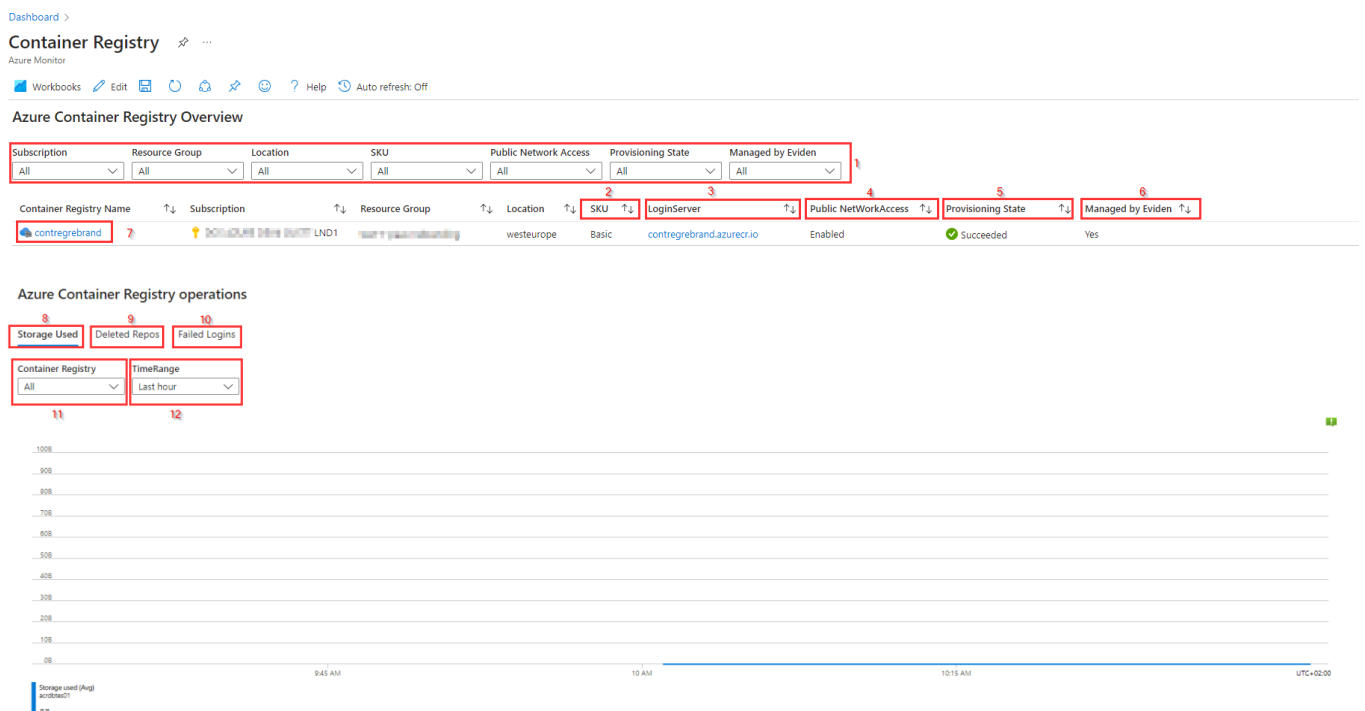
## 22. Container Registry workbook

The Container Registry report provides in the upper part of the report an overview of Azure Container Registry that are deployed in the Azure environment with the most important configuration information, status information and operational information.

For this the report consists of 2 parts:

- An overview of the configuration information of the Azure Container Registries
- Operational information about the Azure Container Registries

It is possible to **filter [1]** on **Subscription**, **Resource group**, **Location**, **SKU**, **Public Network Access**, **Provisioning State** and on **Managed by Eviden**.



### 22.1 Azure Container Registry Overview

The **SKU [2]** column shows the SKU for the container registry. The SKU can be **Basic**, **Standard** or **Premium**. The **LoginServer [3]** column contains the name of the registry login server that is needed for logging in. The **Public NetworkAccess [4]** column shows if public network access is enabled or disabled. **Public network access** can only be disabled with **Premium SKU**. The **Provisioning State [5]** column shows if the deployment of the Azure

Container Registry is **Succeeded** or **Failed**. For failed Azure Container Registries there will be no operational information available in the second part of this report.

If the Azure Container Registry has tag **EvidenManaged** set to **true** then **EvidenManaged [6]** column is set to **Yes** in the report. If tag **EvidenManaged** is not set or has value **false** or any other value, then **EvidenManaged [6]** is set to **No** in the report.

Left-clicking on **name of the Azure Container Registry [7]** in the **Container Registry Name** column will open the associated standard Azure Portal blade for the corresponding Azure Container Registry.

## 22.2 Azure container registry operations

In the second part of the report there is operational information displayed about the container registries. Here you will find 3 different tabs with the following information:

- **Storage Use [8]**: a graphical overview of the storage used for the selected **Container Registry [11]** and selected **TimeRange[12]**
- **Deleted Repos [9]**: a table overview of the deleted repos, if any, for the selected **Container Registry [11]** and selected **TimeRange[12]**
- **Failed Logins [10]**: a table overview of the failed logins, if any, for the selected **Container Registry [11]** and selected **TimeRange[12]**

The **TimeRange** can be selected between 5 minutes and 90 days.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.

The tab for Deleted Repos and Failed Logins will only show information for Container Registries that have **EvidenManaged tag** set to **True** as this information comes from the log analytics workspace that is managed by Eviden.

## 23. AKS-Overview workbook

The AKS-Overview report consists of 2 parts:

- An overview of Azure Kubernetes Services that are deployed in the Azure environment with the most important configuration information and status of the Kubernetes service
- Azure Kubernetes Services Metrics with more detailed information displayed about a selected kubernetes service

For both parts a separate set of filters is available.

### 23.1 Overview Azure Kubernetes Services Deployed

In the top part of the workbook it is possible to **filter [1]** on **Subscription**, **Resource group**, **Location**, **SKU**, **Status**, on **Managed by Eviden** and if **Monitoring Insights** is enabled.

Subscription	Resource Group	Location	SKU	Status	Managed by Eviden	Monitoring Insights
All	All	All	All	All	All	Enabled

Resource	Name	Subscription	Resource group	SKU	Location	Status	EvidenManaged	Monitoring Insights	Log Analytics Workspace
aks-rebrand	aks-rebrand		LND2	Basic	westeurope	Online	Yes	Enabled	

For the Azure Kubernetes Service (AKS) the **SKU [2]** columns shows if the SKU tier is **Basic** (free) or **Standard**. The **Status [3]** column shows if the AKS is **Online**. Other options for Status are **Failed** or **Creating**.

If the Azure Kubernetes Service has tag **EvidenManaged** set to **true** then the **EvidenManaged [4]** column is set to **Yes** in the report. If tag **EvidenManaged** is not set or has value **false** or any other value, then **EvidenManaged** column is set to **No** in the report.

If **Monitoring Insights** is enabled for a Kubernetes Service **Enabled** will be visible in the **Monitoring Insights [5]** column in the workbook and the selected **Log Analytics workspace** will be displayed in the **Log Analytics Workspace [6]** column.

For the second part of this report **Monitoring Insights** should be **Enabled** and the metrics should be send to the **Eviden Managed log analytics workspace**.

Left-clicking on **name of the Azure Kubernetes Service [7]** will open the associated standard Azure Portal blade for the corresponding Azure Kubernetes Service. If not, no metrics are visible.

## 23.2 Azure Kubernetes Services Metrics

In the bottom part of the report a **Time Range [1]** and a specific Kubernetes Service (**ClusterId [2]**) can be selected. The name of the selected Kubernetes Service will be visible under the ClusterId filter and for that specific Kubernetes Service it is possible to **filter [4]** on **namespace, deploymentName, PV type, Storage Class** and **AccessMode**.

Azure Kubernetes Services Metrics

Metrics are only available for AKS that have Monitoring Insights enabled and logs its data to the Eviden Managed Log Analytics Workspace

1 Time Range: Last 4 hours

2 ClusterId: Any one

4 namespace: All deploymentName: All PV Type: All Storage Class: All AccessMode: All

Azure Kubernetes Services: k8s-test-cluster

Deployments Pods PV Replicaset Daemonset HPA Service Statefulset

Healthy 5

Deployment	Namespace	Age	Ready	ReadyTrend	Updated	UpdatedTrend	Available	AvailableTrend
coredns-autoscaler	kube-system	1 hours	100%		100%		100%	
connectivity-agent	kube-system	1 hours	100%		100%		100%	
metrics-server	kube-system	1 hours	100%		100%		100%	
ama-logs-rs	kube-system	1 hours	100%		100%		100%	
coredns	kube-system	1 hours	100%		100%		100%	

Based on the selected Kubernetes Service and filters you find the following **overview [5]** for the Kubernetes Service in each of the **tabs [6]**:

- **Deployments**, an overview of the Deployments for selected Kubernetes Service and Time Range.
- **Pods**, an overview of the Pods.
- **PV**, Persistent Volumes Claims.
- **Replicaset**, an overview of the Replica Sets of the selected Kubernetes Service.
- **Daemonset**, the Daemonsets of the selected Kubernetes Service.
- **HPA** the Horizontal Pod Autoscalers (HPA), if any configured.
- **Services**, the Services of the selected Kubernetes Service.
- **Statefulset**, the Statefulsets, if any configured.

### Known issues and limitations.

If the report is opened it will sometimes take some time before all parts of the report are available.

The bottom part of the report will only display information if Monitoring Insights is enabled for the selected ClusterId. After Monitoring Insights is enabled it will take about 10 minutes before any information will be available in the tabs.

## 24. AKS-Workloads workbook

The AKS-Workload report consists of 2 parts:

- An overview of Azure Kubernetes Services that are deployed in the Azure environment with the most important configuration information and status of the Kubernetes service
- Azure Kubernetes Services Workloads with more detailed workload information displayed about a selected kubernetes service

For both parts a separate set of filters is available.

### 24.1 Overview Azure Kubernetes Services Deployed

In the top part of the workbook it is possible to **filter [1]** on **Subscription**, **Resource group**, **Location**, **SKU**, **Status**, on **Managed by Eviden** and if **Monitoring Insights** is enabled.

In the bottom part of the report a **Time Range** and a specific Kubernetes Service (**ClusterId**) can be selected and for that specific **ClusterId** it is possible to filter on **workloadType**, **namespace**, **podStatus**, **workloadName** and **podName** when one of the tabs is selected.

The screenshot shows the 'AKS-Workload' report interface. At the top, there are filter dropdowns for Subscription, Resource Group, Location, SKU, Status, Managed by Eviden, and Monitoring Insights. Below these is a table with columns: Resource, Name, Subscription, Resource group, SKU, Location, Status, EvidenManaged, Monitoring Insights, and Log Analytics Workspace. Red boxes and numbers highlight specific elements: 1 points to the filter dropdowns, 2 points to the SKU column, 3 points to the Status column, 4 points to the EvidenManaged column, 5 points to the Monitoring Insights column, and 6 points to the Log Analytics Workspace column.

Subscription	Resource Group	Location	SKU	Status	Managed by Eviden	Monitoring Insights
All	All	All	All	All	Enabled	Enabled

Resource	Name	Subscription	Resource group	SKU	Location	Status	EvidenManaged	Monitoring Insights	Log Analytics Workspace
aks-rebrand	aks-rebrand	LND2	aks-rebrand	Basic	westeurope	Online	Yes	Enabled	

For the Azure Kubernetes Service (AKS) the **SKU [2]** columns shows if the SKU tier is **Basic** (free) or **Standard**. The **Status [3]** column shows if the AKS is **Online**. Other options for Status are **Failed** or **Creating**.

If the Azure Kubernetes Service has tag **EvidenManaged** set to **true** then the **EvidenManaged [4]** column is set to **Yes** in the report. If tag **EvidenManaged** is not set or has value **false** or any other value, then **EvidenManaged** column is set to **No** in the report.

If **Monitoring Insights** is enabled for a Kubernetes Service **Enabled** will be visible in the **Monitoring Insights [5]** column in the workbook and the selected **Log Analytics workspace** will be displayed in the **Log Analytics Workspace [6]** column.

For the second part of this report **Monitoring Insights** should be **Enabled** and the metrics should be send to the **Eviden Managed log analytics workspace**.

Left-clicking on **name of the Azure Kubernetes Service [7]** will open the associated standard Azure Portal blade for the corresponding Azure Kubernetes Service. If not, no metrics are visible.

## 24.2 Azure Kubernetes Services Workloads

In the bottom part of the report a **Time Range [1]** and a specific Kubernetes Service (**ClusterId [2]**) can be selected. The **name of the selected Kubernetes Service [3]** will be visible under the ClusterId filter and for that specific Kubernetes Service it is possible to **filter [4]** on **workloadType**, **namespace**, **podStatus**, **workloadName** and **podName**.

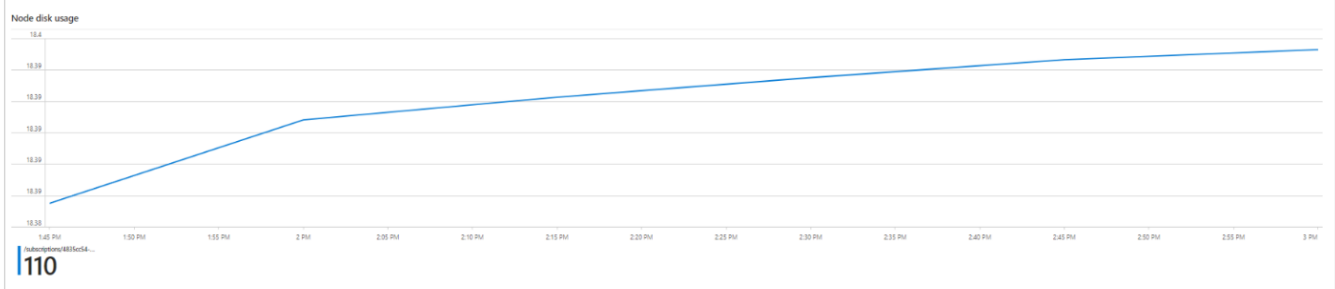
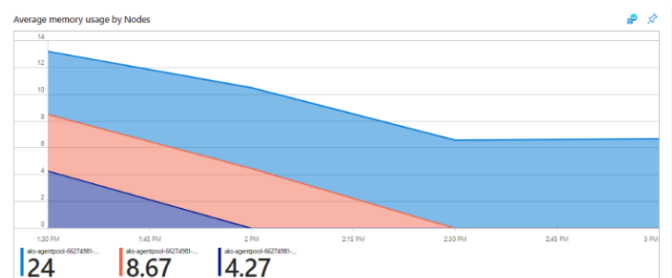
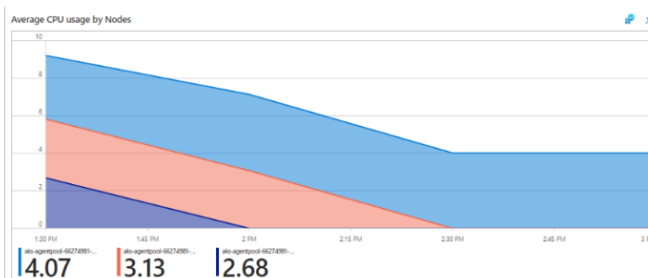
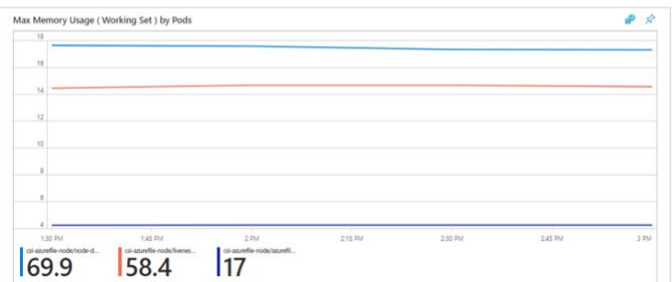
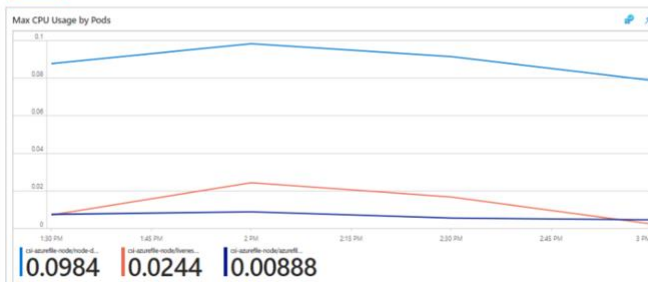
### Azure Kubernetes Services Workloads

Metrics are only available for AKS that have Monitoring Insights enabled and logs its data to the Eviden Managed Log Analytics Workspace

1 Time Range: Last 24 hours  
 2 ClusterId: Any one  
 3 workloadType: All  
 namespace: All  
 podStatus: All  
 workloadName: Any one  
 podName: All

Azure Kubernetes Service: k8s-test-cluster

5 Overview Pod/Container Status Kube Events



Based on the selected Kubernetes Service and filters you find the following **overviews** for the Kubernetes Service in each of the **tabs**:

- **Overview [5]**, with an overview of the CPU and Memory usage for Pods and Nodes and Node Disk usage.
- **Pod/Container Status [6]**, with an overview of POD and Container status for the selected Kubernetes Service.
- **Kube Events [7]** for the Kube events (if any) for the selected Kubernetes Service and Time Range.


## Azure Kubernetes Services Workloads


Workload is only available for AKS where Monitoring Insights is enabled and logs it data to the Eviden Managed Log Analytics Workspace

Time Range: Last 24 hours ClusterID: Any one workloadType: All namespace: All podStatus: All workloadName: Any one podName: All

Azure Kubernetes Services: k8s-test-cluster

Overview **Pod/Container Status** Kube Events

Running  1

Terminating  0

TimeGenerated	ContainerName	PodStatus	ContainerStatus	Namespace	LastState	LastStateReason	LastStateStartTime	LastStateFinishTime
4/6/2023, 3:41:20 PM	csi-azurefile-node-ngdks/azurefile	Running	running	kube-system				
4/6/2023, 3:41:20 PM	csi-azurefile-node-ngdks/liveness-probe	Running	running	kube-system				
4/6/2023, 3:41:20 PM	csi-azurefile-node-ngdks/node-driver-registrar	Running	running	kube-system				
4/6/2023, 1:56:20 PM	csi-azurefile-node-97hv8/node-driver-registrar	Running	running	kube-system				
4/6/2023, 1:56:20 PM	csi-azurefile-node-97hv8/liveness-probe	Running	running	kube-system				
4/6/2023, 1:56:20 PM	csi-azurefile-node-97hv8/azurefile	Running	running	kube-system				
4/6/2023, 1:58:20 PM	csi-azurefile-node-gsmilz/node-driver-registrar	Running	running	kube-system				
4/6/2023, 1:58:20 PM	csi-azurefile-node-gsmilz/liveness-probe	Running	running	kube-system				
4/6/2023, 1:58:20 PM	csi-azurefile-node-gsmilz/azurefile	Running	running	kube-system				
4/6/2023, 2:13:20 PM	csi-azurefile-node-c42px/node-driver-registrar	Terminating	terminated	kube-system				
4/6/2023, 2:13:20 PM	csi-azurefile-node-c42px/liveness-probe	Terminating	terminated	kube-system				


## Azure Kubernetes Services Workloads


Workload is only available for AKS where Monitoring Insights is enabled and logs it data to the Eviden Managed Log Analytics Workspace


Time Range: Last 24 hours ClusterID: Any one workloadType: All namespace: All podStatus: All workloadName: Any one podName: All


Azure Kubernetes Services: k8s-test-cluster

Overview Pod/Container Status **Kube Events**

Kube events  7

Event Reasons  7

Failed  6

NodeNotReady  1

TimeGenerated	KubeEventName	PodName	Reason	EventMessage	NodeName
4/6/2023, 1:37:49 PM	Warning	csi-azurefile-node-ngdks	Failed	Error services have not yet been read at least once, cann...	aks-agentpool-66274981-vms000000
4/6/2023, 1:37:49 PM	Warning	csi-azurefile-node-ngdks	Failed	Error services have not yet been read at least once, cann...	aks-agentpool-66274981-vms000000
4/6/2023, 1:37:49 PM	Warning	csi-azurefile-node-ngdks	Failed	Error services have not yet been read at least once, cann...	aks-agentpool-66274981-vms000000
4/6/2023, 1:57:55 PM	Warning	csi-azurefile-node-gsmilz	NodeNotReady	Node is not ready	aks-agentpool-66274981-vms000002
4/6/2023, 1:38:02 PM	Warning	csi-azurefile-node-c42px	Failed	Error services have not yet been read at least once, cann...	aks-agentpool-66274981-vms000001
4/6/2023, 1:38:03 PM	Warning	csi-azurefile-node-c42px	Failed	Error services have not yet been read at least once, cann...	aks-agentpool-66274981-vms000001

5 September 2023

For internal use

Version: 1.0



**Known issues and limitations.**

If the report is opened it will sometimes take some time before all parts of the report are available.

The bottom part of the report will only display workload information if Monitoring Insights is enabled for the selected ClusterId. After Monitoring Insights is enabled it will take about 10 minutes before any information will be available in the tabs.

## 25. Azure Function workbook

The Azure Function report consists of 2 parts:

- **Azure Function Configuration Overview** provides an overview of the Azure Functions that are created in the Azure environment with the most important configuration and status information.
- **Azure Function Workspace Workloads** provides an overview of the Azure Functions with operational data divided in 3 Metric Graphics

Each part of the report has its own set of filters at the top each part.

### 25.1 Azure Functions Configuration Overview

The top part of this report is used to give an overview of the available Azure Functions in the environment with its configuration.

It is possible to **filter [1]** on **Subscription, ResourceGroup, Azure Function, Eviden Purpose** tag or if the Azure Function is **Managed by Eviden**.

Dashboard >

Azure Function Auto refresh: Off

Workbooks Auto refresh: Off

Azure Function Configuration Overview

Subscription	Resource Group	Azure Function	Operating System	EvidenPurpose	Managed by Eviden
All	All	All	All	All	All

Name	Subscription	Resource Group	Location	Operating System	DefaultHostname	App service plan	EvidenPurpose	EvidenManaged	Status
startstopocams347xe4b42w	startstopocams347xe4b42w	startstopocams347xe4b42w	westeurope	Windows	startstopocams347xe4b42w.azurewebsites.net	startstopocams347xe4b42w-plan	-	No	Stopped
startstopv2testcheck	startstopv2testcheck	startstopv2testcheck	westeurope	Linux	startstopv2testcheck.azurewebsites.net	startstopv2testcheck-720b	-	No	Running
bbd-hrut-d-functionapp-billing	bbd-hrut-d-functionapp-billing	bbd-hrut-d-functionapp-billing	westeurope	Linux	bbd-hrut-d-functionapp-billing.azurewebsites.net	bbd-hrut-d-hostplan-billing	EvidenBilling	Yes	Running
dv4-mgmt-t-functionapp-itm-pw	dv4-mgmt-t-functionapp-itm-pw	dv4-mgmt-t-functionapp-itm-pw	uksouth	Windows	dv4-mgmt-t-functionapp-itm-pw.azurewebsites.net	dv4-mgmt-t-hostplan-itm-pwsh	EvidenitmListener	Yes	Running
dv4-mgmt-t-functionapp-billing	dv4-mgmt-t-functionapp-billing	dv4-mgmt-t-functionapp-billing	uksouth	Linux	dv4-mgmt-t-functionapp-billing.azurewebsites.net	dv4-mgmt-t-hostplan-billing	EvidenBilling	Yes	Stopped
dv4-mgmt-t-functionapp-ostagging	dv4-mgmt-t-functionapp-ostagging	dv4-mgmt-t-functionapp-ostagging	uksouth	Windows	dv4-mgmt-t-functionapp-ostagging.azurewebsites.net	dv4-mgmt-t-hostplan-ostagging	-	No	Running

In the **Operating System [2]** column the operating system used for the function is shown. This can be **Windows** or **Linux**.

The **DefaultHostname [3]** column shows the default hostname for the function.

By pasting this hostname in a browser, the status of the function can be checked, like in this picture:

