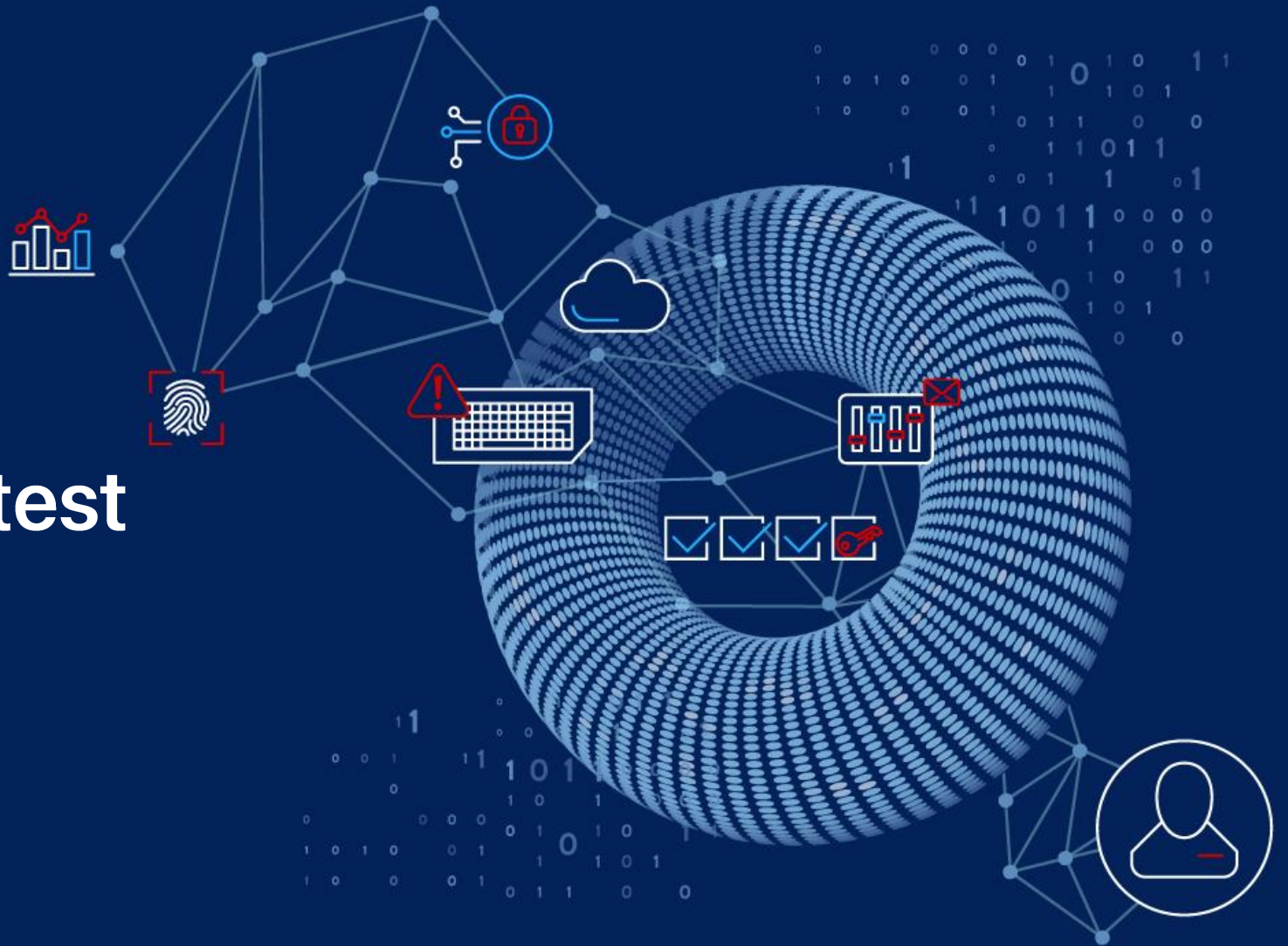ZABBIX

6.4

Overview of the Latest Cloud Templates

Kristaps Naglis
Integration Engineer

MICROSOFT
AZURE

Supported Azure Services

Virtual Machines

Azure Cosmos DB for MongoDB

Azure Database for MySQL

Azure Database for Microsoft SQL

Azure Database for PostgreSQL

Storage Accounts

Supported Azure Services

Virtual Machines

- Availability
- OS/Data Disk
- Networking
- CPU and Memory

...

Azure Cosmos DB for MongoDB

Azure Database for MySQL

Azure Database for Microsoft SQL

Azure Database for PostgreSQL

Storage Accounts

Supported Azure Services

Virtual Machines

Azure Cosmos DB for MongoDB

- Availability
- Data, Document, Index and Partition usage
- Latency and Requests
- Errors

Azure Database for MySQL

Azure Database for Microsoft SQL

Azure Database for PostgreSQL

Storage Accounts

Supported Azure Services

Virtual Machines

Azure Cosmos DB for MongoDB

Azure Database for MySQL

Azure Database for Microsoft SQL

Azure Database for PostgreSQL

Availability and Connections

CPU, Memory and Storage

Networking

Errors

Storage Accounts

For **Single Server** and **Flexible Server**

Supported Azure Services

Virtual Machines

Azure Cosmos DB for MongoDB

Azure Database for MySQL

Azure Database for Microsoft SQL

Azure Database for PostgreSQL

Storage Accounts

Availability and Capacity

Blobs, Files, Queues and Tables

Transactions

...

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Cost Explorer

Supported AWS Services

EC2 (Elastic Compute Cloud)

- Availability
- CPU and CPU Credits
- Disk
- EBS and CloudWatch
- Networking

Low Level Discovery

- Alarms Discovery
- Volumes Discovery

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Supported AWS Services

EC2 (Elastic Compute Cloud)

- Availability
- CPU and CPU Credits
- Disk
- EBS and CloudWatch
- Networking

Low Level Discovery

- Alarms Discovery
  - Alarm State and Reason
  - Volumes Discovery

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Supported AWS Services

EC2 (Elastic Compute Cloud)

- Availability
- CPU and CPU Credits
- Disk
- EBS and CloudWatch
- Networking
- ...

Low Level Discovery

- Alarms Discovery
- Volumes Discovery
  - Read, Write, Throughput
  - Status
  - ...

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

Availability

CPU and CPU Credits

Disk

EBS and CloudWatch

Networking

Memory

Low Level Discovery

Aurora Metrics Discovery

Aurora MySQL Metrics Discovery

Alarms Discovery

Events Discovery

S3 (Simple Storage Service)

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

- Availability
- CPU and CPU Credits
- Disk
- EBS and CloudWatch
- Networking
- Memory
- ...

Low Level Discovery

- Aurora Metrics Discovery
- Engine Status
- Replications
- Networking
- ...
- Operations

Aurora MySQL Metrics Discovery

Alarms Discovery

Events Discovery

S3 (Simple Storage Service)

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

- Availability
- CPU and CPU Credits
- Disk
- EBS and CloudWatch
- Networking
- Memory
- ...

Low Level Discovery

Aurora Metrics Discovery

Aurora MySQL Metrics Discovery
- Transactions
- DDL and DML
- Operations
- ...

Replications

Alarms Discovery

Events Discovery

S3 (Simple Storage Service)

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

- Availability
- CPU and CPU Credits
- Disk
- EBS and CloudWatch
- Networking
- Memory

Low Level Discovery

- Aurora Metrics Discovery
- Aurora MySQL Metrics Discovery
- Alarms Discovery
- Alarm State and Reason

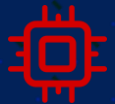**S3** (Simple Storage Service)

Events Discovery

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

- Availability
- CPU and CPU Credits
- Disk
- EBS and CloudWatch
- Networking
- Memory

Low Level Discovery

- Aurora Metrics Discovery
- Aurora MySQL Metrics Discovery
- Alarms Discovery
- Events Discovery
- Message and Date

S3 (Simple Storage Service)

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

- Alarms
- Latency
- Replication
- Requests
- ...

Low Level Discovery

- Bucket Alarms Discovery
- Alarm State and Reason

ECS Cluster (Elastic Container Service)

Cost Explorer

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

Also, **Serverless**

ECS Cluster (Elastic Container Service)

- Container instance count
- CPU utilization
- Memory utilization
- Network utilization
- Service, task count

- Cluster services Discovery
- Alarms Discovery

Cost Explorer

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

Also, **Serverless**

ECS Cluster (Elastic Container Service)

- Container instance count
- CPU utilization
- Memory utilization
- Network utilization
- Service, task count

- Cluster services Discovery
- CPU utilization
- Memory utilization
- Network utilization
- Task metrics

Cost Explorer

Alarms Discovery

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

⚠ Also, **Serverless**

ECS Cluster (Elastic Container Service)

- Container instance count
- CPU utilization
- Memory utilization
- Network utilization
- Service, task count

- Cluster services Discovery
- Alarms Discovery
- Alarm State and Reason

Cost Explorer

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Cost Explorer

Daily costs by services discovery

Monthly costs by services discovery

Monthly costs discovery

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Cost Explorer

- Daily costs by services discovery
- Blended daily cost
- Monthly costs by services discovery
- Monthly costs discovery

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Cost Explorer

Daily costs by services discovery

Monthly costs by services discovery

Blended monthly cost

Monthly costs discovery

Supported AWS Services

EC2 (Elastic Compute Cloud)

RDS (Relational Database Service)

S3 (Simple Storage Service)

ECS Cluster (Elastic Container Service)

Cost Explorer

Daily costs by services discovery

Monthly costs by services discovery

Monthly costs discovery

Blended monthly cost

AZURE
MICROSOFT

AWS
AMAZON

GCP
GOOGLE

Supported GCP Services

Compute Engine Instances

Cloud SQL - MSSQL

Cloud SQL - MySQL

Cloud SQL - PostgreSQL

Project Quotas

Supported GCP Services

Compute Engine Instances

- Availability and Integrity
- CPU
- Firewall
- Memory
- Networking
- ...

Low Level Discovery

- Physical Disks Discovery
  - → Read Bytes and Operations
  - ← Write Bytes and Operations

Cloud SQL - MSSQL
Cloud SQL - MySQL
Cloud SQL - PostgreSQL
Project Quotas

Supported GCP Services

Compute Engine Instances

Cloud SQL - MSSQL

Connections

CPU

Disk

Memory

Audits

Networking

Cloud SQL - MySQL
Cloud SQL - PostgreSQL
Project Quotas

Low Level Discovery

Databases Discovery

Resources Discovery

Schedulers Discovery

Supported GCP Services

Compute Engine Instances

Cloud SQL - MSSQL

- Connections
- CPU
- Disk
- Memory
- Audits
- Networking

Low Level Discovery

- Databases Discovery
- Logs
- Transactions Started

Resources Discovery

Schedulers Discovery

Cloud SQL - MySQL
Cloud SQL - PostgreSQL
Project Quotas

Supported GCP Services

Cloud SQL - MSSQL

- Connections
- CPU
- Disk
- Memory
- Audits
- Networking

Low Level Discovery

- Databases Discovery
- Resources Discovery
- Deadlocks and Locks Wait Times
- Schedulers Discovery

Cloud SQL - MySQL
Cloud SQL - PostgreSQL
Project Quotas

Supported GCP Services

Compute Engine Instances

Cloud SQL - MSSQL

- Connections
- CPU
- Disk
- Memory
- Audits
- Networking

Cloud SQL - MySQL
Cloud SQL - PostgreSQL
Project Quotas

Low Level Discovery

Databases Discovery

Resources Discovery

- Schedulers Discovery
- Active Workers
- Tasks
- Operations
- Queues

Supported GCP Services

Cloud SQL - MySQL

Connections

CPU

Disk

Memory

InnoDB

Queries

Supported GCP Services

Compute Engine Instances

Cloud SQL - MSSQL

Cloud SQL - MySQL

Cloud SQL - PostgreSQL

Connections

CPU

Disk

Memory

Networking

Transactions

Project Quotas

Low Level Discovery

Databases Discovery

Blocks Read

Rows processed

Tuples

Transactions

Supported GCP Services

Compute Engine Instances

Cloud SQL - MSSQL

Cloud SQL - MySQL

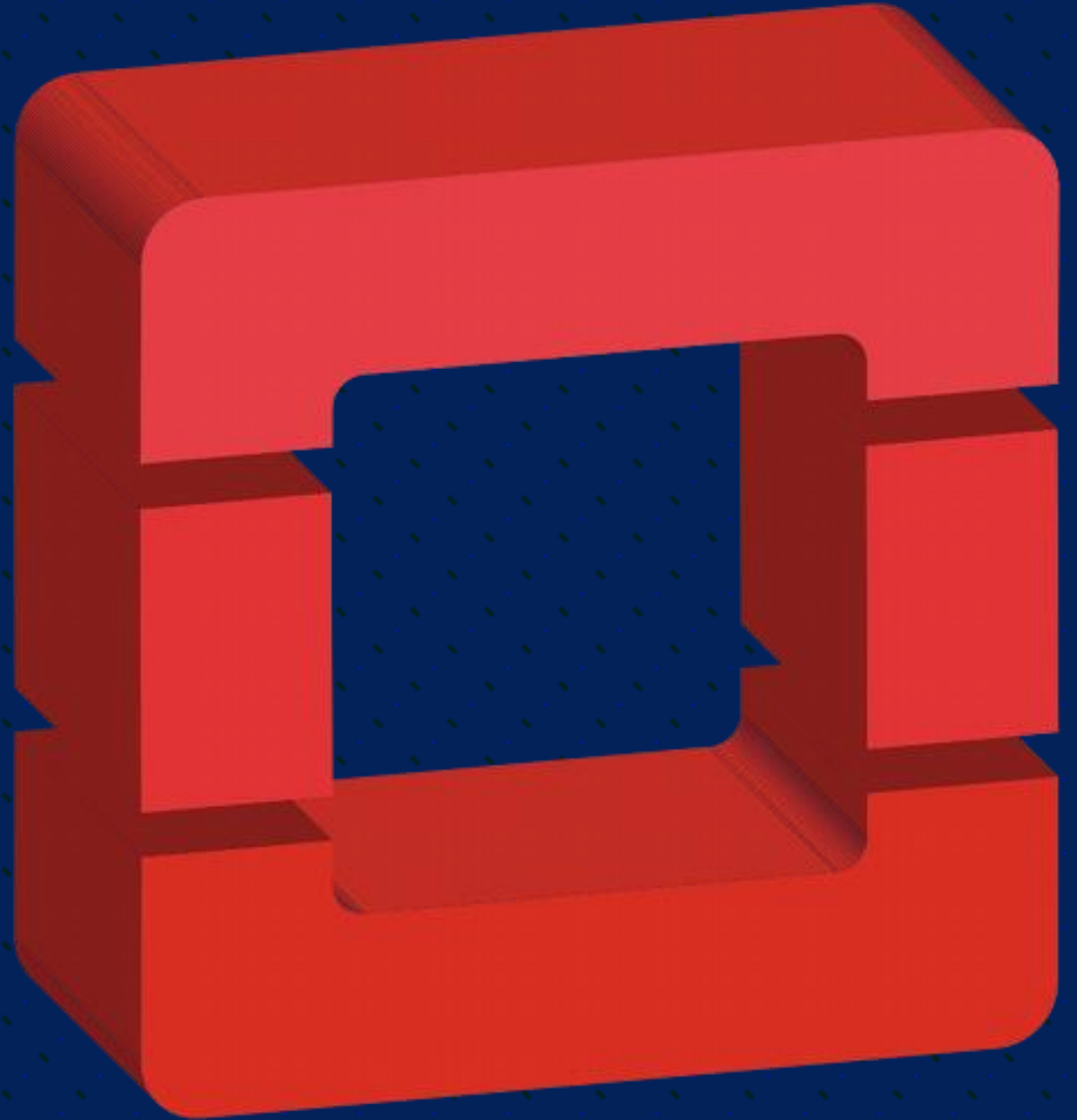Cloud SQL - PostgreSQL

Project Quotas

Usage

Limit

OpenStack
Nova

OpenStack Nova

Absolute limits

Instances

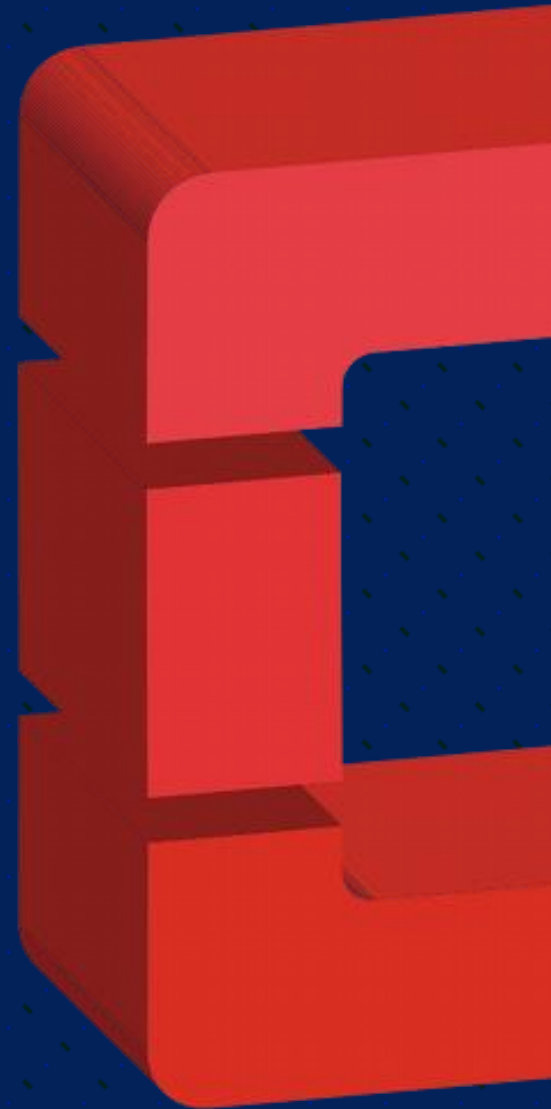vCPU

RAM

Low Level Discovery

Availability zones discovery

Compute services discovery

Hypervisor discovery

Server discovery

Tenant discovery

OpenStack Nova

Absolute limits

Instances

vCPU

RAM

Low Level Discovery

Availability zones discovery

State

Host count

Compute services discovery

Hypervisor discovery

Server discovery

Tenant discovery

OpenStack Nova

 Absolute limits

 Instances

 vCPU

 RAM

Low Level Discovery

Availability zones discovery

Compute services discovery

State

Status

Disabling reason

Hypervisor discovery

Server discovery

Tenant discovery

OpenStack Nova

Absolute limits

Instances

vCPU

RAM

Low Level Discovery

Availability zones discovery

Compute services discovery

Hypervisor discovery

State

Status

Version

Server discovery

Tenant discovery

OpenStack Nova

Absolute limits

Instances

vCPU

RAM

Low Level Discovery

Availability zones discovery

Compute services discovery

Hypervisor discovery

Server discovery

Status

Tenant discovery

OpenStack Nova

Absolute limits

Instances

vCPU

RAM

Low Level Discovery

Availability zones discovery

Compute services discovery

Hypervisor discovery

Server discovery

Tenant discovery

Total disk usage

Total hours

Total memory usage

Total vCPUs usage