

System

Report date	Mon, 09 Oct 2023 11:29:27
Cluster name	mkvfat
Kubernetes Cluster domain	mkvfat.labs.werum.net
Kubernetes API endpoint	10.78.159.111:6443

All listed nodes were set up with the following OpenStack parameters:

Property	Value
Tenant	MKV
Networking (Standard Network Interface)	flat

Kubernetes Cluster Nodes

These are the individual nodes in the Kubernetes cluster:

mfat-lan-1-72w3

System Properties

Property	Value
Description	mfat-lan-1-72w3
Availability zone	cube-1
IP Address	10.78.154.126
Flavour	8.16.default
No. of processors (vCPU)	8
RAM / Memory	16397052Ki
Boot volume size	100
Boot source name	Ubuntu-Focal-Fossa-20.04.3-LTS-V1.01
Creation time	2023-10-09T11:14:44Z

Installed Software

Property	Value
Kubelet version	v1.24.3

mfat-lan-2-72w3

System Properties

Property	Value
Description	mfat-lan-2-72w3
Availability zone	cube-1
IP Address	10.78.159.118
Flavour	8.16.default
No. of processors (vCPU)	8
RAM / Memory	16397052Ki
Boot volume size	100
Boot source name	Ubuntu-Focal-Fossa-20.04.3-LTS-V1.01
Creation time	2023-10-09T11:14:43Z

Installed Software

Property	Value
Kubelet version	v1.24.3

mfat-lan-3-72w3

System Properties

Property	Value
Description	mfat-lan-3-72w3
Availability zone	cube-1
IP Address	10.78.159.142
Flavour	8.16.default
No. of processors (vCPU)	8
RAM / Memory	16397036Ki
Boot volume size	100
Boot source name	Ubuntu-Focal-Fossa-20.04.3-LTS-V1.01
Creation time	2023-10-09T11:14:43Z

Installed Software

Property	Value
Kubelet version	v1.24.3

mfat-lan-4-72w3

System Properties

Property	Value
Description	mfat-lan-4-72w3
Availability zone	cube-1
IP Address	10.78.154.52
Flavour	8.16.default
No. of processors (vCPU)	8
RAM / Memory	16397036Ki
Boot volume size	100
Boot source name	Ubuntu-Focal-Fossa-20.04.3-LTS-V1.01
Creation time	2023-10-09T11:14:43Z

Installed Software

Property	Value
Kubelet version	v1.24.3

mfat-lan-5-72w3

System Properties

Property	Value
Description	mfat-lan-5-72w3
Availability zone	cube-4
IP Address	10.78.156.13
Flavour	8.16.default
No. of processors (vCPU)	8
RAM / Memory	16397036Ki

Property	Value
Boot volume size	100
Boot source name	Ubuntu-Focal-Fossa-20.04.3-LTS-V1.01
Creation time	2023-10-09T11:14:43Z

Installed Software

Property	Value
Kubelet version	v1.24.3

mfat-lpn-1-72w3

System Properties

Property	Value
Description	mfat-lpn-1-72w3
Availability zone	cube-1
IP Address	10.78.159.111
Flavour	2.04.default
No. of processors (vCPU)	2
RAM / Memory	4030524Ki
Boot volume size	100
Boot source name	Ubuntu-Focal-Fossa-20.04.3-LTS-V1.01
Creation time	2023-10-09T11:14:11Z

Installed Software

Property	Value
Kubelet version	v1.24.3

ssh Connection information

External ssh connection.

```
ssh -i <your_path>/configs/mkvfat/id_rsa ubuntu@<IP Address>
```

Kubernetes Ingress Nodes

These are nodes of the Kubernetes Cluster used to have a HA Ingress Controller.

NOTE | There are no auxiliary Kubernetes Ingress nodes.

Oracle Server Database Nodes

These nodes provide a dedicated Oracle Database Server.

NOTE | There are no auxiliary Oracle Server Database nodes.

PostgreSQL Database Nodes

These nodes provide a dedicated PostgreSQL Database Server.

mfat-lpd-1-72w3

System Properties

Property	Value
Description	mfat-lpd-1-72w3
Availability zone	cube-4
IP Address	10.78.158.4
Flavour	4.08.default
No. of processors (vCPU)	4
RAM / Memory	7.75
Boot volume size	100
Boot source name	OracleLinux-8.6-V1.00
Creation time	2023-10-09 11:11:31

Database Connection information

Property	Value	Description	OpenStack
			postgres_result
User	mkvfat	Remote PAS-X MES user	
User	mkvfat_moni	Remote PAS-X MES Monitoring user	

User	system	Remote manager user	
Password	<.admin_pass>	your generated password	
URL	jdbc:postgresql://10.78.158.4:5432/postgres	JDBC Thin driver	external
URL	jdbc:postgresql://mfat-lpd-1-72w3.internal.openstack.werum.net:5432/postgres	JDBC Thin driver	internal

ssh Connection information

External ssh connection.

```
ssh -i <your_path>/configs/mkvfat/id_rsa cloud-user@10.78.158.4
```

PostgreSQL RDMS Parameters

Installed software

Property	Value
PostgreSQL	14

Compile Time / initdb Parameters

Property	Value
SEGSIZE	2
BLOCKSIZE	8
openssl	true

Configuration Parameters

Property	Value
logging_collector	on
log_truncate_on_rotation	on
log_filename	postgresql-%b.log
log_rotation_age	1440
log_line_prefix	%m - %l - %p - %h - %u@%d - %x
log_min_messages	WARNING
log_autovacuum_min_duration	60s
log_min_error_statement	NOTICE

Property	Value
log_min_duration_statement	10s
log_checkpoints	on
log_statement	ddl
log_lock_waits	on
log_temp_files	0
log_timezone	Etc/UTC
log_connections	off
log_disconnections	off
log_duration	off
max_files_per_process	2000
max_locks_per_transaction	200
max_prepared_transactions	64
shared_preload_libraries	pg_stat_statements,pgrowlocks
maintenance_work_mem	64MB
TimeZone	Etc/UTC
track_activity_query_size	2048

Performance Parameters

Using SysV IPC parameters for OracleLinux / RedHead Enterprise.

Property	Value
effective_cache_size	6GB
huge_pages	off
max_connections	300
shared_buffers	2GB
shared_memory_type	sysv
work_mem	8MB

Deploy Hosts

These nodes provide a deploy host.

mfat-ldh-1-72w3

System Properties

Property	Value
Description	mfat-ldh-1-72w3
Availability zone	cube-1
IP Address	10.78.157.82
Flavour	2.06.default
No. of processors (vCPU)	2
RAM / Memory	5.8
Boot volume size 40	Boot source name Ubuntu-Focal-Fossa-20.04.3-LTS-V1.01
Creation time	2023-10-09 11:11:29

Installed Software

Property	Value
kubectl	1.25.4
helm	3.9.3
unzip	6.0.0

ssh Connection information

External ssh connection.

```
ssh -i <your_path>/configs/mkvfat/id_rsa ubuntu@10.78.157.82
```

Windows Auxiliary Nodes

These are the auxiliary Windows Nodes used for Clients, Adapters, Simulators or File Storage of BRR Reports and Attachments.

mfat-wcc-1-72w3

System Properties

Property	Value
Description	mfat-wcc-1-72w3

Property	Value
Availability zone	cube-4
IP Address	10.78.157.66
Flavour	4.16.default
No. of processors (vCPU)	4
RAM / Memory	16.0
Boot volume size	60
Boot source name	WindowsServer2022-noupdate-V1.00
Creation time	2023-10-09 11:10:07 +0000 UTC
Windows Regional format	English (United States)
Windows Environment Variable PATH	C:\Werum\jre\bin;C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem;C:\Windows\System32\WindowsPowerShell\v1.0\;C:\Windows\System32\OpenSSH\;C:\Program Files\Cloudbase Solutions\Cloudbase-Init\Python;C:\Program Files\Cloudbase Solutions\Cloudbase-Init\Python\Scripts;C:\Program Files (x86)\Citrix\HDX\bin\;C:\Program Files\Citrix\HDX\bin\;C:\Program Files\IcedTeaWeb\WebStart\bin;C:\Users\Administrator\AppData\Local\Microsoft\WindowsApps
Windows Feature	Message Queuing

Installed Software

Property	Value
Adobe Reader XI (11.0.10)	11.0.10
Citrix Browser Content Redirection	15.32.1100.9
Citrix CDF Capture Service - x64	7.33.1100.16
Citrix Diagnostics Facility	7.2.1.6
Citrix Director VDA Plugin	7.33.1100.17
Citrix Group Policy Client-Side Extension 7.33.1100.16	7.33.1100.16
Citrix HDX App Experience x64	7.33.1100.17
Citrix HDX Audio x64	7.33.1100.16
Citrix HDX Devices x64	7.33.1100.16
Citrix HDX Printing x64	7.33.1100.18
Citrix HDX TS	7.33.1100.45

Property	Value
Citrix HDX WS x64	15.32.1100.9
Citrix Identity Assertion VDA Plugin	10.9.1100.18
Citrix Monitor Service VDA Plugin	7.33.1100.19
Citrix Profile management	22.3.1000.4
Citrix Telemetry Service - x64	3.20.0.9
Citrix Universal Print Client	7.33.1100.18
Citrix Virtual Apps and Desktops 7 2203 LTSR CU1 - Virtual Delivery Agent	2203.0.1100.1178
Citrix Virtual Desktop Agent - x64	7.33.1100.17
Citrix WMI Proxy Plugin	7.33.1100.16
Cloudbase-Init 1.1.2	1.1.2.0
Eclipse Temurin JRE with Hotspot 8u332-b09 (x64)	8.0.332.9
Google Chrome	109.0.5414.120
IcedTea-Web 1.8.3	1.8.3.0
Machine Identity Service Agent	7.33.1100.17
Machine Management WMI Provider	7.33.1100.17
Microsoft Edge	86.0.622.38
Microsoft Edge Update	1.3.135.41
Microsoft Visual C++ 2015-2022 Redistributable (x64) - 14.30.30704	14.30.30704.0
Microsoft Visual C++ 2015-2022 Redistributable (x86) - 14.30.30704	14.30.30704.0
Microsoft Visual C++ 2022 X64 Additional Runtime - 14.30.30704	14.30.30704
Microsoft Visual C++ 2022 X64 Minimum Runtime - 14.30.30704	14.30.30704
Microsoft Visual C++ 2022 X86 Additional Runtime - 14.30.30704	14.30.30704

Property	Value
Microsoft Visual C++ 2022 X86 Minimum Runtime - 14.30.30704	14.30.30704
OpenSSH	8.9.1.0
QEMU guest agent	103.0.0
Red Hat QXL controller	0.21.2.0
Spice Agent 0.10.0-5 (64-bit)	0.10.5
SupportabilityTools	1.5.0.17
UpmVDAPugin	22.3.1000.4
Virtio-win-driver-installer	0.1.217
Virtio-win-guest-tools	0.1.217
Kadeck	3.0.1
Curl (for Win64)	7.81.0
SysInternalSuite	updated-december-18-2018

Endpoints

URL	Description	Creation time
https://welcome.mkvfat.labs.werum.net	A simple nginx welcome app to get informations about the cluster.	2023-10-09T11:29:25Z
https://dash.mkvfat.labs.werum.net	Kubernetes dashboard, web-based UI for kubernetes clusters.	2023-10-09T11:16:05Z
https://alertmanager.mkvfat.labs.werum.net	The Alertmanager handles alerts sent by client applications such as the Prometheus server.	2023-10-09T11:16:43Z
https://grafana.mkvfat.labs.werum.net	Grafana allows you to query, visualize and understand your metrics.	2023-10-09T11:16:43Z
https://prometheus.mkvfat.labs.werum.net	Collect methrics with Prometheus cluster monitoring.	2023-10-09T11:16:43Z
https://longhorn.mkvfat.labs.werum.net	Longhorn dashboard. Cloud native distributed block storage for Kubernetes.	2023-10-09T11:15:58Z

- Admin user:
 - User: admin
 - Password: <.admin_pass>

- Grafana standard user:
 - User: pasx
 - Role: Viewer
 - Password: <.grafana_standard_user_password>