

How to check Server Health and Status

Last updated by | Hamza Aqel | Oct 4, 2022 at 5:51 AM PDT

This is part of GT, to change/modify check with your EEE.

Issue:

If flexible server was not available or has some connectivity or availability issues, please confirm its status is succeeded.

Solution:

You can check server's status along with its components using below queries:

1. orcasbreadth servers.xts and its entity dbo.entity_application_instance:

This XTS view will give server status along with server components, please make sure all state are succeeded:

The screenshot shows the Orcasbreadth servers.xts XTS view. The main table displays server details for 'meru11pgwe'. The state is 'Succeeded'. The server name is 'meru11pgwe', the VM name is 'fa9baef001b5', and the creation time is '9/1/2021 2:03:10 PM'. The replication role is 'Primary'. The table also shows the owner operation request ID and the request ID.

Below the main table, there is a section for 'dbo.entity_application_instance for server meru11pgwe'. This section contains a table with columns: state, id, orcas_instance_id, application_instance_name, application_instance_container_name, and application_type_entity_id. The table lists several application instances, all with a state of 'Succeeded'.

state	id	orcas_instance_id	application_instance_name	application_instance_container_name	application_type_entity_id
Succeeded	7b301df1-6767-4a72-a809-bf6b403a3ed8	bd73036b-4f8e-4a7d-856d-6d08a508e7ec	vmagent_postgres_sidecar	vmagent_postgres_sidecar	64d8b6b8-94af-4ab7-8...
Succeeded	93572e47-fc72-4380-86bd-aab71c5ae15d	bd73036b-4f8e-4a7d-856d-6d08a508e7ec	PostgreSQL	PostgreSQL	2c0f135a-4311-4af0-9...
Succeeded	50988839-c2ea-4947-82d0-1ad0405c3aef	bd73036b-4f8e-4a7d-856d-6d08a508e7ec	vmstats	vmstats	be75464b-b2d2-4e72-...
Succeeded	ef72b7d5-6455-451e-bb94-770fe4bda1f9	bd73036b-4f8e-4a7d-856d-6d08a508e7ec	dockerevents	dockerevents	ad67cf7c-f92c-4ed5-a...
Succeeded	3f175063-21d8-4d45-be69-b2ba913a67df	bd73036b-4f8e-4a7d-856d-6d08a508e7ec	dockerstats	dockerstats	96a4f5d0-2850-472c-9...
Succeeded	b38bf581-f44e-43a3-a4c9-4dcdbfdcac7e	bd73036b-4f8e-4a7d-856d-6d08a508e7ec	fluentd	fluentd	e8531fcf-2fc2-44a9-af...
Succeeded	676cfaea-712e-46cc-a682-0b2d9e1d36a3	bd73036b-4f8e-4a7d-856d-6d08a508e7ec	mdsd	mdsd	e76c261b-2c5a-4c12-...

2. MonOrcasBreadthCMSSnapshot: This view will give server state -- similar to XTS (orcasbreadth servers.xts)

MonOrcasBreadthCMSSnapshot

```
| where server_name == "meru11vnetzone"
| summarize min(TIMESTAMP), max(TIMESTAMP) by server_name, server_id, orcas_instance_id, server_state, create_t
```

3. MonOBDockerContainerEvents -- docker health and status

MonOBDockerContainerEvents

```
| where LogicalServerName == 'meru11vnetzone'
| where atContainer !contains "tmp" and atContainer !contains "interim"
| summarize min(TIMESTAMP), max(TIMESTAMP) by atContainer, Event, VirtualMachineName
```

4. OBvmagentsidecarpgsql -- agentsidelogs - VM logs

```
OBvmagentsidecarpgsql
| where LogicalServerName =~ "devpostgres1"
| project TIMESTAMP, LogicalServerName, MessageString
| order by TIMESTAMP asc
```

5. MonOBDirectorV2ActorEvents -- check for any unhealthy , connectivity issues or failure messages

```
MonOBDirectorV2ActorEvents
| where ServerName == 'devpostgres1'
| project TIMESTAMP, ReplicationRole, VirtualMachineName, Message, ExceptionMessage
```

6. MonOrcasBreadthRp -- failed deployment

```
MonOrcasBreadthRp
| where request_id == '4D0F1935-6AF3-4BED-A674-408D4D496C9E'
| order by TIMESTAMP asc

-- for exceptions in deployment
MonOrcasBreadthRpExceptions
| where request_id == '4D0F1935-6AF3-4BED-A674-408D4D496C9E'
| order by TIMESTAMP asc
```

You can get request_id from httpincomingrequests or using below query:

```
MonOrcasBreadthRp
| where operation_parameters contains '<ServerName>cdnrn-hdl-qa-germanywestcentral-psql</ServerName>' or operati
| project originalEventTimestamp, operation_type, request_id, event, error_message
| order by originalEventTimestamp asc, request_id asc
```



7. If server has HA enabled, check [HA status](#) :