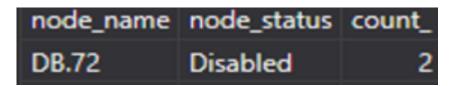
How to check why the node is restarted

Last updated by | Hamza Agel | Mar 8, 2023 at 2:37 AM PST

Sometimes, server restart/failover could be caused by node level or even cluster level exceptions. You can use the below query to check if other servers on this node or tenant ring is impacted.

Taken example of below case, a node on this tenant was disabled, so customer's servers on this cluster were failover and auto restart on another node.

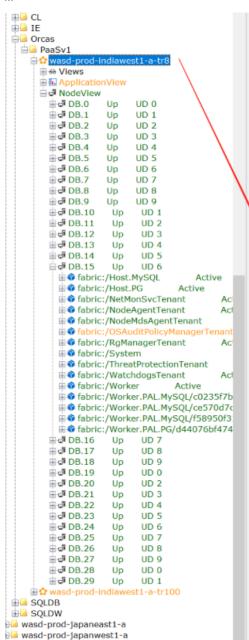


```
MonClusterLoad
| where TIMESTAMP > ago(2d)
| where event=='node_state_report'
| where ClusterName == "tr15.australiaeast1-a.worker.database.windows.net"
| where node_name == 'DB.34'
| project TIMESTAMP , node_name , node_status, upgrade_domain , health_state,node_type,node_up_time, fault_dom
// | where node_status != "Up"

// node down
MonClusterLoad
| where event == 'node_state_report'
| where ClusterName startswith ""
| where node_name == ""
| extend status = iff(node_status == 'Up', 1, 0)
| project TIMESTAMP, status
| render scatterchart
```

Once observed that the node is restarted, please refer to below to further check the cause of node restart

- Platform Maintenance
- Node Repairs
- Infrastructure Issue
 - 1. Get tenant id from SFE, shown as below



Cluster wasd-prod-indiawest1-a-tr8

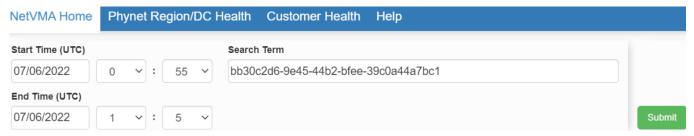
Cluster Properties	
Health State	Warning
Provider	SQL Config Store Provider
Connection endpoints	tr8.indiawest1-a.worker.database.windows.net:9003
Credentials	ClaimsCreds(Interactive, Url: wasd-prod-indiawest1-
FabricClusterName	wasd-prod-indiawest1-a-tr8
ClientCertificateName	deployment.database.windows.net
Package type	Worker.Gen5.VNET.Public
Properties	ProductFamily=Orcas, Tenant
JitAccessEndpoint	https://jitaccess.security.core.windows.net
Control Cluster Address	indiawest1-a.control.database.windows.net
AirstHostedServiceTenantId	762a2d8b848b4d50b90b1eb5d760204c
IssalCluster	True
Datacenter	bm1
RegionalImageStoreAccountNar	me wasd2prodinwe1aris0
ClusterAddress	tr8.indiawest1-a.worker.database.windows.net
HostedServiceSubscriptionId	18d37bfd-7771-48a7-a676-7e3843649a3c
FirstHostedServiceFC	bm1prdapp09
ClusterType	Production
MdsAccountMoniker	ProdInWe1aTR8
ClusterShortName	indiawest1-a
Cluster state	Live
MdsEndpoint	https://production.diagnostics.monitoring.core.wind
Cluster address(legacy)	wasd-prod-indiawest1-a-tr8.cloudapp.net:9000
ClusterName	wasd-prod-indiawest1-a
FixedMaintenanceWindow	
FabricClusterId	tr8
AzureHostedServiceZone	cloudapp.net
Cluster address	tr8.indiawest1-a.worker.database.windows.net:9003
Fabric controller	bm1prdapp09
IsPaaSv2	False
ClusterEnvironmentName	Production
Storage account	wasd2prodinwe1atr8
ProtectedRing	False
Tenant id	762a2d8b848b4d50b90b1eb5d760204c
Subscription id	18d37bfd-7771-48a7-a676-7e3843649a3c
MDSNamespace	WASD2Prod

Run below KQL to get container ID

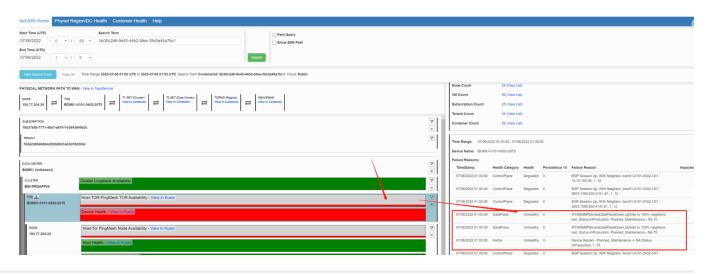
wasd-prod-finindiacentral1-a



3. Fill the issue time window and container ID in https://netvma.azure.net □



4. Check if any hardware failure shown as below



If you have any doubts when following this page, please reach out to *xixia* for clarification and wiki/TSG improvement.