How to monitor or troubleshoot ZA HA?

Last updated by | Hamza Aqel | Jan 10, 2023 at 6:33 AM PST

1. On XTS --> select region

2. Select XTS view "meru19 fspg - ha.xts"

3. Enter servername in search filed and hit "OK" .Currently we can get AZ from CMS query on server entities. It will be added into the XTS view soon.

4. CMS query [XTS CAS command]

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""Select-SqlazureEnvironment Prod
Select-SqlazureCluster wasd-prod-westus2-a-cr2
$cms_sql = @"
select format(getutcdate(), 'yyyy-MM-dd HH:mm:ss UTC') as now_utc,
format(esvr.create_time, 'yyyy-MM-dd HH:mm:ss UTC') as create_time,
esvr.customer_subscription_id,
esvr.customer_resource_group_name,
esg.server_group_name,
esvr.server_type,
esvr.server_version,
esvr.orcas_instance_id,
esvr.server_name,
esvr.dns_record_name,
epip.fully_qualified_domain_name as public_ip_fqdn,
eprivnic.private_ip_address as private_ip,
esvr.availability_zone,
esvr.server_sku,
esvr.server_edition,
esvr.v_core,
esvr.replication_set_id,
esvr.replication_role,
esvr.upstream_replication_slot_name,
json_value(rsetspec.orcas_resource_specification_json, '$.OriginalPrimaryServerName') as
original_primary_server_name,
epip4slb.fully_qualified_domain_name as ssh_host,
esir.source_port as ssh_port,
cred.cred_key as ssh_username,
json_value(edsk.storage_specification_json, '$.StorageKind') as data_storage_kind,
json_value(edsk.storage_specification_json, '$.StorageAccountType') as data_storage_sku,
json_value(edsk.storage_specification_json, '$.SizeGb') as data_storage_gb,
eact.account_name as log_backup_storage_account,
eblb.blob_container_name as log_backup_blob_container,
json_value(eblb.storage_specification_json, '$.StorageAccountType') as log_backup_storage_sku,
ebkp.retention_days as log_backup_retention_days,
format(esvr.dropped_time, 'yyyy-MM-dd HH:mm:ss UTC') as dropped_time,
esvr.owner_operation_id,
esvr.owner_operation_type,
esvr.state
from entity_orcas_servers esvr
left join entity_azure_public_ip_address epip on esvr.orcas_instance_id = epip.orcas_instance_id
left join entity_azure_managed_disks edsk on esvr.orcas_instance_id = edsk.orcas_instance_id and
json_value(edsk.storage_specification_json, '$.StorageUseKind') = 'Data'
left join entity_orcas_resource_specification logblobspec on esvr.orcas_instance_id =
```

```
logblobspec.orcas_instance_id
and replace(replace(logblobspec.spec_type, ', OrcasBreadth.ObjectModel.Specs', ''),
'OrcasBreadth.ObjectModel.', '') = 'OrcasStorageSpec'
and json_value(logblobspec.orcas_resource_specification_json, '$.StorageKind') = 'BlobContainer'
and json_value(logblobspec.orcas_resource_specification_json, '$.StorageUseKind') = 'LogArchiveTarget'
left join entity_azure_blob_containers eblb on logblobspec.resource_entity_id = eblb.id
left join entity_azure_storage_account eact on eblb.storage_account_entity_id = eact.id
left join entity_backup_policy ebkp on esvr.orcas_instance_id = ebkp.orcas_instance_id and
ebkp.storage_use_kind = 'LogArchiveTarget'
left join entity_slb_inbound_rule esir on esvr.orcas_instance_id = esir.orcas_instance_id and esir.destination_port
= 22
left join entity_software_load_balancer eslb on esir.software_load_balancer_entity_id = eslb.id
left join entity_azure_public_ip_address epip4slb on eslb.public_ip_entity_id = epip4slb.id
left join entity_azure_network_interfaces eprivnic on esvr.orcas_instance_id = eprivnic.orcas_instance_id and
eprivnic.name like '%-msft-nic'
left join entity_orcas_credential cred on esvr.orcas_instance_id = cred.orcas_instance_id and cred.credential_use
= 1
left join entity_orcas_resource_specification rsetspec
on esvr.orcas_instance_id = rsetspec.orcas_instance_id
and replace(replace(rsetspec.spec_type, ', OrcasBreadth.ObjectModel.Specs', ''), 'OrcasBreadth.ObjectModel.', '')
= 'OrcasReplicationSetSpec'
left join entity_orcas_server_groups esg on esg.id = esvr.server_group_entity_id
where json_value(rsetspec.orcas_resource_specification_json, '$.OriginalPrimaryServerName') in ('chelian-
demo')
-- and esvr.replication_role in ('Primary', 'Standby', 'Discharged')
-- and esvr.state not in ('Tombstoned')
order by original_primary_server_name asc, replication_set_id asc, replication_role asc
"@<BR/> Get-OrcasBreadthBackingStoreData -Query $cms_sql | fl_ ""
```

How good have you found this content?