Error 45600 Failover Group deployment failed AkvEndpointNotReachableFromNode

Last updated by | Radhika Shah | Mar 20, 2023 at 3:22 PM PDT

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Issue

Customer tries to deploy Failover Group, but the operation fails with error:

```
An unexpected error occurred while processing the request. Tracking ID: 'dxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxx4'
```

Investigation/Analysis

Run ASC troubleshooter report for Provisioning for **both** source as well as target managed instance. Under the troubleshooter report --> Provisioning --> Operations, you can see that while the *CreateManagedFailoverGroup* operation shows *Result* as 'Success', the subsequent operation *CreateManagedDatabase* that creates/replicates the database on the server as part of FOG operation fails with error. For example, below error shows up on ASC for the **target** managed instance:

StartTime	EndTime	request_id	Result	operation_type	error_code	error_
2023-03-08 20:06:20	2023-03-08 20:07:26	A8451E89-D16F-46A6-9526-200A0B6DCDB5	failure	CreateManagedDatabase	45600	**AkvE**

Below kusto can help determine what AKV node is unreachable:

```
MonManagement
| where originalEventTimestamp between (datetime(2023-03-08 20:06:20).. datetime(2023-03-08 20:07:26))
| where managed_server_id =~ '204A25FC-6421-4ADE-9FC8-F77D45AB1704'        //managed_server_id guid of MI with er
| where event =~ 'akv_endpoint_reaching_from_node_failure'
| project PreciseTimeStamp, originalEventTimestamp, event, target_port, target_host_name, message, elapsed_tim
```

Sample Output:

PreciseTimeStamp	originalEventTimestamp	event	target_po
2023-03-08 20:06:28.4855697	2023-03-08 20:06:28.3366445	akv_endpoint_reaching_from_node_failure	443

The error confirms that **kv-plt-sqlmi-eus-d.vault.azure.net** ☐ Keyvault is not reachable from **target** MI server and hence the failover group creation fails.

Mitigation

Since the AKV enpoint was not reachable, it makes the databases as Inaccessible. This is also explained under Inaccessible TDE protector ☐. To mitigate the issue, customer will need to make sure that the AKV endpoint is reachable from the MI server and then try to deploy the failover group again.

Internal Reference

ICM 373491015 ☐

Public Doc Reference

Inaccessible TDE protector ☐