Failover Group deployment failed

Last updated by | Vitor Tomaz | Feb 18, 2021 at 2:36 AM PST

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Issue

Customer tried to setup geo failover group by adding a West US instance to the existing East US instance. However, the deployment failed, all the options on portal greyed out.

From the backend telemetry log, the CreateManagedFailoverGroup operation started task AddingAndRemovingDatabasesOnPartnerServer. The task never completed and eventually timeout. However, the operation was not terminated, so no update was sent to the client. From the Portal, all options are greyed out because control was not returned.

Investigation/Analysis

Some of the ports required for replication are not in the allow list of the NSG with VNets . We would specifically need to allow TCP traffic to and from the ports 5022 and the range 11000~12000.

Mitigation

Use the link (https://docs.microsoft.com/en-us/azure/virtual-network/tutorial-filter-network-traffic#_create-security-rules) to create the following rules on both VNets.

1. Allow inbound tcp traffic to port 5022
2. Allow outbound tcp traffic to port 5022
3. Allow inbound tcp traffic to the port range 11000~12000
4. Allow outbound tcp traffic to the port range 11000~12000

Sample inbound rule:

Name: allow_vnet2_inbound_5022

Access:Allow

Direction:Inbound

Protocol:TCP

Priority:120

Source Address Prefix:*

Source Port Range:*

Destination Address Prefix:*

Destination Port Range:5022

Name:allow_vnet2_inbound_11kTo12k

Access:Allow

Direction:Inbound

Protocol:TCP

Priority:150

Source Address Prefix:*

Source Port Range:*

Destination Address Prefix:*

Destination Port Range:11000-12000

Sample outbound rule:

Name:allow_vnet2_outbound_5022

Access:Allow

Direction:Outbound

Protocol:TCP

Priority:120

Source Address Prefix:*

Source Port Range:*

Destination Address Prefix:*

Destination Port Range:5022

Name:allow_vnet2_outbound_11kTo12k

Access:Allow

Direction:Outbound

Protocol:TCP

Priority:150

Source Address Prefix:*

Source Port Range:*

Destination Address Prefix:*

Destination Port Range:11000-12000

How good have you found this content?