

Global VNET Peering

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Contents

- [Public Doc Reference](#)
- [Check if virtual cluster is created after 9/22/2020](#)
- [Customer Ready Content](#)

Due to business impact, GA Global VNet Peering was announced at Ignite (9/22).

All instances created in empty subnets from **9/22** will be global peering capable (which is currently not the case). Customer will not have to do anything to enable this, nor do anything to prevent it, it would just work due to new load balancer configurations we are deploying by default once RDFE train flips the switch.

So this is basically more of removing the limitation than standard feature, but due to significant customer value we announce it as a feature.

Public Doc Reference

[Enabling geo-replication between managed instances and their VNets](#)  [What's new in Azure SQL Managed Instance at Ignite 2020](#) 

Check if virtual cluster is created after 9/22/2020

- In ASC you can select the Virtual Cluster in Resource Explorer and see the Create Date.
- Alternatively, run following query in Kusto providing instance name.

NOTE: All server/instance names in sample queries and screenshots below are lab/test servers.

```
let managedInstanceName = 'xxxxxx';
MonManagedServers
| where name == managedInstanceName
| summarize arg_max(TIMESTAMP,*) by managed_server_id
| join kind=leftouter ( MonPrivateClusters
| summarize arg_max(TIMESTAMP,*) by private_cluster_id
) on $left.private_cluster_id == $right.private_cluster_id
| project TIMESTAMP, InstanceName = name, InstanceCreateTime = create_time
, VC_Id=private_cluster_id1, VC_Name= name1, VC_CreateTime = create_time1
```

VC_CreateTime should be after 9/22/2020.

Customer Ready Content

As mentioned in public documentation, "On 9/22/2020 we announced global virtual network peering for newly created virtual clusters. That means that global virtual network peering is supported for SQL Managed Instances created in empty subnets after the announcement date, as well for all the subsequent managed instances

created in those subnets. For all the other SQL Managed Instances peering support is limited to the networks in the same region due to the constraints of global virtual network peering." From backend log, we could see your virtual cluster/managed instance is not created after 9/22/2020. If you want to use global virtual network peering feature, you can set up a new managed instance.

How good have you found this content?

