

VNET - Basic Troubleshooting Guide

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Scenario 1 - Error ACL'ng an account to Subnet.

Analysis 1

If experiencing any issues ACL'ing an account to a subnet , please check if Private Access is turned on for that subnet

```
$subnet = Get-AzureRmVirtualNetwork -ResourceGroupName $resourceGroupName -Name $vnetName | Get-AzureRmVirtualNetworkSubnetConfig -Name $subnetName
```

```
$subnet.PrivateAccess
```

Provisioning State	Service	Locations
Succeeded	Microsoft.SQL	{westcentralus}

Scenario 2 - No Private Access route

If no private access route, please make sure powershell shows Private Access is enabled.

```
Get-AzureRmVirtualNetwork -ResourceGroupName $resourceGroupName -Name $vnetName | Set-AzureRmVirtualNetworkSubnetConfig -Name $subnetName -AddressPrefix $subnetAddrPrefix -PrivateAccessService "Microsoft.Sql" | Set-AzureRmVirtualNetwork
```

3. Please make sure there are no user defined routes (UDRs) with same or more specific prefixes as Azure SQLDB. If a UDR exists with destination==SQLDB IPs in a region, UDR will win and traffic to SQL will not take the private access route. This will result in ACLs failing, as private access is a pre-requisite to set Azure SQLDB ACLs.
1. Private access may take up to 15 minutes to apply. Subnet will be in provisioning state during this time. If the call fails due to a timeout, we will continue to retry in the background. You can retry the call again at a later time, to check the status.

How good have you found this content?

