Portal - Network Public Access Disabled for new SQL Servers

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:24 AM PST

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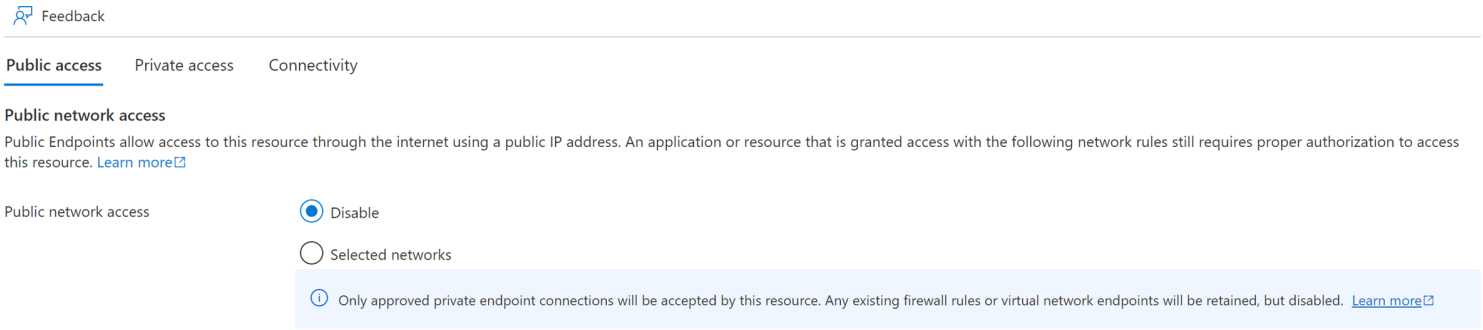
Issue

The Public network access for a newly created Database server will be in Disabled state by default. And this is a known issue which was introduced after we enabled the Networking blade.

Repro Steps

When creating a new SQL DB server in Azure portal, if you bypass the networking configuration and choose to “Review + Create”, then by default the server gets created with Public Access as Disabled. So after creating the server when you check the Networking blade, the Public Access looks as follows:

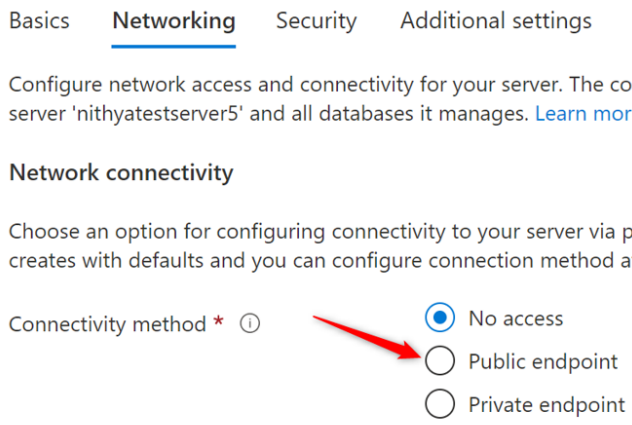


The expected behavior is to be Enabled for Public Access.

Workaround

Option 1 -

While creating a new server, you can ensure to configure the Networking setting that allows to Enable Public Access as shown below.

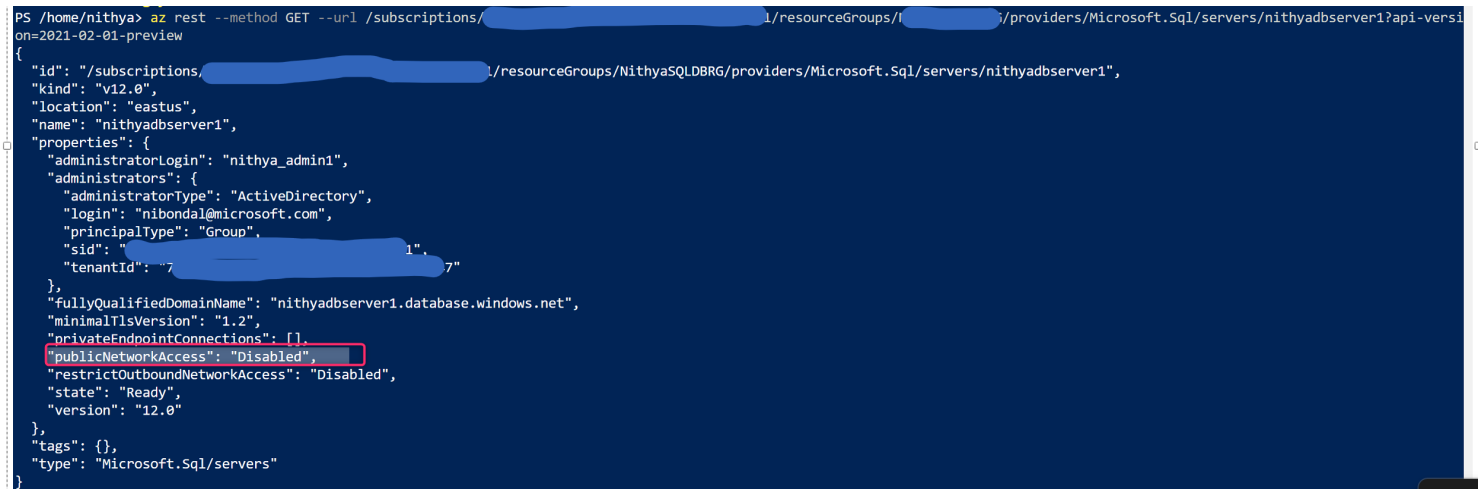


Option 2 -

If you have created the server with the default configuration skipping the networking settings, then the option to fix this is to run the below Azure CLI commands for changing the 'Public network access' from Disabled to Enabled.

Step1 Run the GET command to get the current Networking Configuration

```
az rest --method GET --url
/subscriptions/{SubscriptionID}/resourceGroups/{ResourceGroupName}/providers/Microsoft.Sql/servers/{ServerName}?
api-version=2021-02-01-preview
```



You should see the "PublicNetworkAccess" status as above.

Step2 Run the update command to set the "PublicNetworkAccess" status to Enabled.

```
az sql server update -n {ServerName} -g {ResourceGroupName} --set publicNetworkAccess="Enabled"
```

```
PS /home/nithya> az sql server update -n nithyadbserver1 -g NithyaSQLDBRG --set publicNetworkAccess="Enabled"
None
{
  "administratorLogin": "nithya_admin1",
  "administratorLoginPassword": null,
  "administrators": {
    "administratorType": "ActiveDirectory",
    "azureAdOnlyAuthentication": null,
    "login": "nibondal@microsoft.com",
    "principalType": "Group",
    "sid": "[redacted]",
    "tenantId": "[redacted]"
  },
  "federatedClientId": null,
  "fullyQualifiedDomainName": "nithyadbserver1.database.windows.net",
  "id": "/subscriptions/[redacted]1a1/resourceGroups/[redacted]/providers/Microsoft.Sql/servers/nithyadbserver1",
  "identity": null,
  "keyId": null,
  "kind": "v12.0",
  "location": "eastus",
  "minimalTlsVersion": "1.2",
  "name": "nithyadbserver1",
  "primaryUserAssignedIdentityId": null,
  "privateEndpointConnections": [],
  "publicNetworkAccess": "Enabled",
  "resourceGroup": "[redacted]",
  "restrictOutboundNetworkAccess": "Disabled",
  "state": "Ready",
  "tags": {},
  "type": "Microsoft.Sql/servers",
  "version": "12.0",
  "workspaceFeature": null
}
PS /home/nithya>
```

You should see the PublicNetworkAccess status updated as above

How good have you found this content?