**DR Drill Activity**

**Method 1**

**DC:**

Shut down the Replicated Virtual Machines

**Before Failover:**

* Blob Storage account Creation in ASR
* Public IP Creation(Static) in ASR
* Create Recovery Plan Group in ASR -Vault
* Test Failover Recovery Group
* Assign the Public IP address to **LFGAPPPrimary** Server

**After Failover:**

* In ASR Vnet configure Custom DNS Server address
* Ensure Private IP(Static) assigned for all VM’s

1. LFGAppPrimary - 10.30.1.6
2. LFGPDC - 10.30.1.5
3. LFGDBPrimary - 10.30.1.8

* Connect RDP Using Local User Account on LFGAPPPrimary
* Allow Remote connection for domain users (\*if required)
* Check the firewall status for all the servers – if it is enabled, disable it.
* Manually assign DNS for all the servers **10.30.1.5** and assign the **public DNS 8.8.8.8** only in **LFGPDC & LFGAPPPrimay**
* Ensure name resolving on all the servers (nslookup)
* Ensure Internet connection Disconnected in **DB server.**
* Run the below Command in [**LFGDBPrimary**](https://portal.azure.com/#@cspllfgpro.onmicrosoft.com/resource/subscriptions/ba021553-ff5a-416b-8f5a-6ae0be4ab74f/resourceGroups/lfg/providers/Microsoft.Compute/virtualMachines/LFGDBPrimary)to force Quorum

**net.exe stop clussvc**

**net.exe start clussvc /forcequorum**

* Open the Failover cluster manager – Right click the cluster name 🡪 More Actions🡪Configure Cluster Quorum Settings
* Make sure cloud witness is in failed state
* Select Use default quorum configuration 🡪 Next🡪OK
* Open SSMS and run the below query for all the Availability Groups

**ALTER AVAILABILITY GROUP [Core\_AG01] FORCE\_FAILOVER\_ALLOW\_DATA\_LOSS;**

**GO**

* Enure all AG’s are running in Fail over Cluster Manager🡪Roles🡪AG’S status running.
* Open SSMS check the AG’s stats primary
* Then expand Always On High Availability🡪Expand Availability Group🡪Select AG🡪Expand Availability Database🡪Right Click Database🡪Remove Database From Availability Group.
* Check the Database changed to standalone.

**Method 2**

Stop DC VM

Failover ASR

Assign Public ip in APP Primary

Add Backend Pool in LB

Check Firewall

Assign Dns

nslookup

Forece Quorum

Disable Internet in Primary DB

Set Default Quorum Configuration

Enable Network In DB

Configure new Storage Quorum

Run Query in DB SSMS For all AGs

Run Power shell Command for all listeners

Start Roles in WSFC

Check connection

Stop Vm and failover