# # DHCP Failover Solution

# Preparations:

# Two servers with static IP Addresses 99.100 and 99.131 –> DC and SERVER1

A screenshot of a computer

Description automatically generated

# Install DHCP Server on both machines

# Go trough the post process procedure

# Add scopes for both servers

# Configure failover and add the second server to the first one

A screenshot of a computer

Description automatically generated

A screenshot of a computer error

Description automatically generated

A screenshot of a computer

Description automatically generated

# # Windows Service + Group Managed Service Account (gMSA)

**# Preparations:**

**# Two servers DC and SERVER1**

**# On DC create AD Group HomeWorkGroup and add member to it (SERVER1)**

**# Add User AppService to HomeworkGroup trough powershell commands:**

Add-KDSRootKey -EffectiveTime (Get-Date).AddHours(-10)

New-ADServiceAccount -Name AppService -DNSHostName AppService.wsaa.lab `

-PrincipalsAllowedToRetrieveManagedPassword HomeworkGroup

Add-ADComputerServiceAccount -Identity SERVER1 -ServiceAccount AppService

**# on SERVER1 download the service and install it (first read the Readme)**

mkdir C:\Temp

New-Service -ServiceName "HWService" -BinaryPathName "C:\bin\WSAAService.exe"

**# Go to services and select Properties on WSAAService -> Logon As -> This account**

**# add the account name from Entire Directory**

**# try to run the service**

**# add the permissions to write on the log file**

**# RESTART the server**

**# it works now**

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated