WinCore AD-DHCP

PDC

Install

Install-WindowsFeature AD-domain-services -IncludeManagementTools -Verbose

Install-ADDSForest -DomainName xycompany.xy -ForestMode Win2012R2 -DomainMode Win2012R2 -DomainNetbiosName XYCOMPANY -InstallDns:$true

Install-WindowsFeature DHCP -IncludeManagementTools -Verbose

DHCP config

Add-DhcpServerv4Scope -Name xycompany_scope -StartRange 172.16.0.100 -EndRange 172.16.0.150 -SubnetMask 255.255.0.0

Set-DhcpServerv4OptionValue -DnsDomain xycompany.xy -DnsServer 172.16.0.254, 172.16.0.253 -Router 172.16.0.1 -Force

Add-DhcpServerInDC -DnsName winserverpdc.xycompany.xy

Restart-Service DHCPServer

BDC

Install

Install-WindowsFeature AD-domain-services -IncludeManagementTools -Verbose

Install-ADDSDomainController -InstallDns -Credential (Get-Credential xycompany\Administrator) -DomainName xycompany.xy -SafeModeAdministratorPassword (ConvertTo-SecureString -AsPlainText "Passw0rd"-Force)

Install-WindowsFeature DHCP -IncludeManagementTools -Verbose

#DHCP config

Set-DhcpServerv4OptionValue -DnsDomain xycompany.xy -DnsServer 172.16.0.254, 172.16.0.253 -Router 172.16.0.1 -Force

Add-DhcpServerInDC -DnsName winserverbdc.xycompany.xy

Add-DhcpServerv4Failover -ComputerName "winserverpdc.xycompany.xy" -PartnerServer "winserverbdc.xycompany.xy" -Name "winserverpdc-winserverbdc-hot_standby" -ServerRole Active -ReservePercent 10 -MaxClientLeadTime 1:00:00 -StateSwitchInterval 00:45:00 -ScopeId 172.16.0.0 -SharedSecret "Passw0rd"

Set-DnsServerForwarder -IPAddress 8.8.8.8

Restart-Service DHCPServer