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#Installation du rôle DHCP
Install-WindowsFeature DHCP -IncludeManagementTools

#Configuration des variables pour l'étendue
$StartRange = '192.168.1.10'
$EndRange = '192.168.1.90'
$SubnetMask = '255.255.255.0'
$NameScope = 'VLAN1'
$Description = 'Réseau interne VLAN1'

#Configuration des variables DNS et GATEWAY
$DNS = '192.168.1.1'
$GATEWAY = '192.168.1.1'

#Configuration des variables pour les réservations
$NameResa1 = 'iDRAC'
$IP1 = '192.168.1.201'
$Mac1 = '54-9F-35-00-BB-E6'
$DescriptionResa1 = 'DELL iDRAC'

$NameResa2 = 'SRVHEITZ-STG'
$IP2 = '192.168.1.203'
$Mac2 = '00-15-5D-01-60-00'
$DescriptionResa2 = 'Machine virtuelle HEITZ'

$NameResa3 = 'SRVFILER-STG'
$IP3 = '192.168.1.204'
$Mac3 = '00-15-5D-01-60-01'
$DescriptionResa3 = 'Machine virtuelle FILER'

$NameResa4 = 'Imprimante'
$IP4 = '192.168.1.205'
$Mac4 = 'F8-0D-60-E8-9F-3A'
$DescriptionResa4 = 'Imprimante Canon'
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$NameResa5 = 'DVR CAMERA'
$IP5 = '192.168.1.108'
$Mac5 = '28-57-be-8f-04-1a'
$DescriptionResa5 = 'HIKVISION'

#Création de l'étendue
Add-DhcpServerv4Scope -Name $NameScope -StartRange $StartRange -
EndRange $EndRange -SubnetMask $SubnetMask -Description $Description
-State InActive

#Configuration du DNS et de GATEWAY
Set-DhcpServerv4OptionValue -ScopeId 192.168.1.0 -DnsServer $DNS -
Router $GATEWAY -Force

#Réservation n°1
Add-DhcpServerv4Reservation -ScopeId 192.168.1.0 -IPAddress $IP1 -
ClientId $Mac1 -Description $DescriptionResa1 -Name $NameResa1

#Réservation n°2
Add-DhcpServerv4Reservation -ScopeId 192.168.1.0 -IPAddress $IP2 -
ClientId $Mac2 -Description $DescriptionResa2 -Name $NameResa2

#Réservation n°3
Add-DhcpServerv4Reservation -ScopeId 192.168.1.0 -IPAddress $IP3 -
ClientId $Mac3 -Description $DescriptionResa3 -Name $NameResa3

#Réservation n°4
Add-DhcpServerv4Reservation -ScopeId 192.168.1.0 -IPAddress $IP4 -
ClientId $Mac4 -Description $DescriptionResa4 -Name $NameResa4

#Réservation n°5
Add-DhcpServerv4Reservation -ScopeId 192.168.1.0 -IPAddress $IP5 -
ClientId $Mac5 -Description $DescriptionResa5 -Name $NameResa5
```