

#####

pag first time login eto muna nirurun

az login --use-device-code

az account set --subscription "vestas-sap-ea-westeuropa-prd-01"

vestas-sap-ea-westeuropa-dev-01

vestas-sap-ea-westeuropa-prd-01

vestas-sap-ea-westeuropa-tst-01

az deployment sub create --template-file .\main-(bicepfilename).bicep --location "westeuropa"

#####

After handover of a system, the following tasks were previously handled by the architect. With the new permissions to the team, this should be possible to complete.

For insights, you can use **Tier1/Tier1-Servers/Tier1-SAP/Q1L** as a complete implementation of this instruction.

1. Run Powershell - post config

1. general-config.ps1
2. ip-configuration -> set-IP_v2.ps1
3. Disks -> app-servers.ps1 (change corresponding disk names) Note: For
 - a. db-servers.ps1
 - i. Before: `Get-PhysicalDisk -canPool $true | select DeviceId, @{n='LUN';e={$_.PhysicalLocation.Split(":")[4]}}, @{n='Size(Gb)';e={[int]($_.Size/1GB)}}`
 - ii. After: `wmic LOGICALDISK LIST BRIEF`

2. Domain Join Servers

<code>\$pw = "" ConvertTo-SecureString -asPlainText -Force</code>
<code>\$creds = New-Object System.Management.Automation.PSCredential("vestas\",\$pw)</code>
<code>Add-Computer -DomainName 'vestas.net' -Credential \$creds -OUPath 'OU=sapbjcscl,OU=Tier1-SAP,OU=Tier1-Servers,OU=Tier1,DC=vestas,DC=net' -restart -force -verbose</code>

3. Create OU for SAP system under Tier1/Tier1-Servers/Tier1-SAP/<SID>
4. Move servers to newly created OU.
5. Create OU for every Windows Cluster with the naming of SAP**<SID>**{DB/CS}CL as specified in Build Sheet.
6. Move cluster nodes into cluster OU under the SAPSID OU.
7. Configure Windows Cluster on CS & DB servers. Script exists in build code under cluster-config.ps1
 1. Run cluster-config.ps1 to 1st node
 2. Go storage account: get storage account name and key1

8. Execute cluster post configuration from same script
9. Create Cloud Witness using the storage account from the deployment resource group.
10. Add the "Create Computer Objects" permission to the **Cluster computer object** (sap<SID>{cs/db}cl\$) on the corresponding cluster OU.
11. Format shared disk on CS servers <-- this does not support storage pools, and is formatted as a normal disk.
12. Add shared disk to Windows Cluster as available storage disk.
13. Rename cluster storage disk to match the disk label (fx. <SID_SCS)

DNS post configuration

1. Create DNS A records for all logical host names found in the build sheet "**Server Logical Hostname (Additional IP Address) / A-Name**".
Note: Linux servers sometimes may not create their own DNS servers, so primary hostname may also require DNS A Record creation.

EXEC in dkcdcmnad11

```
DNS
$dnsRecord = 'sappbjapp04'
$dnsRecordValue = '10.71.48.133'
$Resolve = Resolve-DnsName $dnsRecord -ErrorAction SilentlyContinue
If(!$Resolve){
Add-DnsServerResourceRecordA -Name $dnsRecord -IPv4Address $dnsRecordValue -ZoneName
"vestas.net" -ComputerName "DKCDCDC40" -CreatePtr
}Else{
Write-Host "DNS Exist"
}
```

OS Permissions

1. Add VESTAS\SAP_<SID>_GlobalAdmin and VESTAS\SAP_SMD_GlobalAdmin into the corresponding ServerAccess group (named Tier1-SRV-ADM-<ComputerName>). This group is automatically created, and may take a few hours to be created.

Backup enrollment for Servers with Shared disks

1. Enroll VM to Backup Vault [steps](#)
2. Disable/Stop backup on Backup Center RSV for the VMs with shared disks (pcs)
3. Add VM tag:Backup value: BackupVault

VM required tags

backup

firewall-group

4. MaintenanceMode
5. Operating-system
6. SLA-server