Based on <https://learn.hashicorp.com/tutorials/vault/ha-with-consul>

1. Install dependencies on each vm each VM

#install chocolatey

Set-ExecutionPolicy Bypass -Scope Process -Force; [System.Net.ServicePointManager]::SecurityProtocol = [System.Net.ServicePointManager]::SecurityProtocol -bor 3072; iex ((New-Object System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))

#install git

choco install git

#install consul

choco install consul

1. copy all consul configs under C:\ProgramData\consul\config

#clone project

mkdir C:\Project

cd c:\Project

git clone https://github.com/geobarteam/hvault.git

cp C:\Project\hvault\Vms\consul\flxsrvpoc01.json C:\ProgramData\consul\config

restart-service consul

1. provide modify rights to consul to be able to write in his db
2. Validate that consul is running fine  
   consul members
3. Install Vault  
   choco install vault
4. Start vault

vault server -config .\flxsrvpoc01.hcl -log-level=trace

1. Set VAULT\_ADDR  
   $env:VAULT\_ADDR="http://127.0.0.1:8200"
2. Unseal the vault on all nodes  
   vault operator init

Vault operator unseal #seal key here repeat 3x

1. Running the vault as service  
   <https://stackoverflow.com/questions/42944115/is-there-a-way-to-run-hashicorp-vault-as-a-windows-service>
2. Generate root key  
   <https://learn.hashicorp.com/tutorials/vault/generate-root>

* Get the OTP key:  
  vault operator generate-root -init
* Enter the unseal keys:  
  vault operator generate-root  
  vault operator generate-root -decode=K2ZNBgZrQ1BCKDEtMFk1OFxRXlkoIQVqAwY -otp=XH5l18q9rdEzfiyp162ilgP8aj vault operator generate-root -decode=K2ZNBgZrQ1BCKDEtMFk1OFxRXlkoIQVqAwY -otp=XH5l18q9rdEzfiyp162ilgP8aj