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if ( (Get-PSSnapin -Name VMware.VIMAutomation.Core -ErrorAction SilentlyContinue) -eq $null )
{
    Add-PsSnapin VMware.VIMAutomation.Core
}

Function Invoke-SSH
{
    Param($Hostname,$Username,$Password, $CommandArray, $PlinkAndPath, $Datastore)

    $Target = $Username + '@' + $Hostname
    $plinkoptions = "-ssh $Target -i `\"C:\XXX\PuTTY\YourPrivateKey.ppk`\" -pw $Password"

    #Authentication without privatekey. I didn't test this Method.
    #$plinkoptions = "-ssh $Target -pw $Password"

    #Build ssh Commands
    $CommandArray += ""
    $remoteCommand = "esxcli storage vmfs unmap -l $($Datastore)"
    $CommandArray | % { $remoteCommand += [string]::Format('{0}; ', $_) }

    #format plist command
    $PlinkCommand = [string]::Format('& "{0}" {1} "{2}"', $PlinkAndPath, $plinkoptions, $remoteCommand)

    #ready to run the following command
    $msg = Invoke-Expression $PlinkCommand

    #In case of failure msg will contains an errormessage
    $msg >> $LogPath
}

Connect-VIServer "vCenterServerName" -User "vCenterUser" -Password "vCenterPassword"

#Plink path, credentials and Logpath
$PlinkAndPath = "C:\XXX\PuTTY\plink.exe"
$Username = "root"
$Password = "rootPassword_OR_PassphraseForKeyauthentication"
$LogPath = "C:\XXX\Unmap.log"

$Datastores = ("Datastorename1", "Datastorename2", "Datastorename3")

foreach($Datastore in $Datastores)
{
    $VMHost = Get-Datastore -Name $Datastore | Get-VMHost | select -First 1
    $Hostname = $VMHost.Name
    $CurrentTime = Get-Date -format "dd.MM.yyyy HH:mm:ss"
    "$($CurrentTime): Unmap starts from Host $($Hostname) . Target is datastore $($Datastore)" >> $LogPath

    Invoke-SSH -User $Username -Hostname $Hostname -Password $Password -PlinkAndPath $PlinkAndPath -Datastore $Datastore

    $CurrentTime = Get-Date -format "dd.MM.yyyy HH:mm:ss"
    "$($CurrentTime) : Unmap on datastore $($Datastore) finished successfully"
    >> $LogPath
}

Disconnect-VIServer "vCenterServerName" -Confirm:$false

```