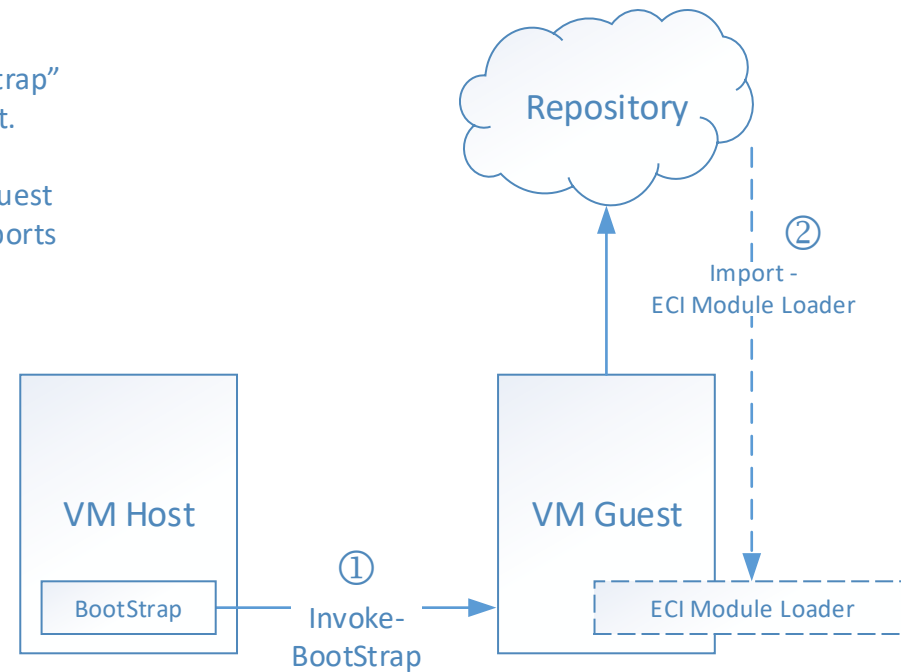


Eze Castle Integration
ECI VM Automation Architecture

Step 1: Invoke-Bootstrap

VM Host

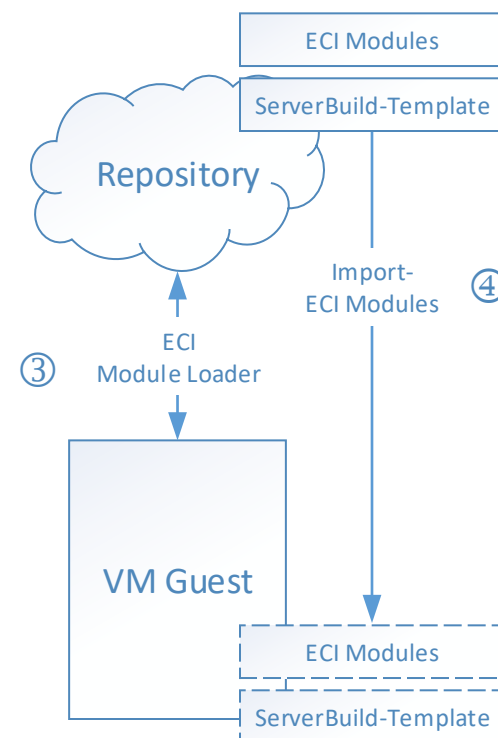
- The VM Host injects a “BootStrap” script block into the VM Guest.
- The BootStrap attaches the Guest VM to the Repository and imports the ECI-Module-Loader.



Step 2: Execute Module Loader

VM Guest

- The VM Guest executes the ECI Module Loader.
- The ECI Module Loader imports the ECI Modules from the Repository onto the Guest.



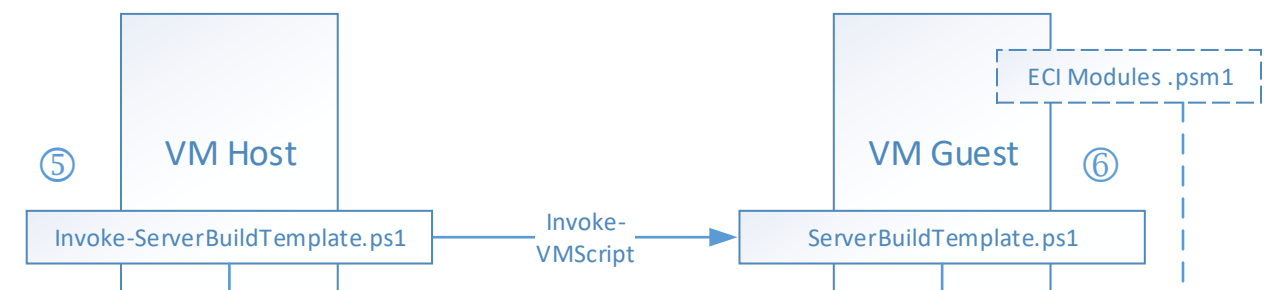
Step 3: Invoke-VMScript

VM Host

- The VM Host begins Invoking Functions on the VM Guest using the Server-Build-Template.

VM Guest

- The Server-Build-Template calls Functions from the ECI Modules that configure the Guest VM.



⑤

Script:

Invoke-ServerBuildTemplate.ps1

```
$ScriptText = {  
  
BEGIN  
{  
    Import-VMWareModules  
    Connect-ECIVIServer  
    Import-ParametersFromAPI  
}  
PROCESS  
{  
    Invoke-ECI.Core.ConfigServer.ServerBuildTemplate -Step 1  
    Reboot-Resume  
    Invoke-ECI.Core.ConfigServer.ServerBuildTemplate -Step 2  
    Reboot-Resume  
    Invoke-ECI.Core.ConfigServer.ServerBuildTemplate -Step 3  
    Reboot-Resume  
    Invoke-ECI.Core.ConfigServer.ServerBuildTemplate -Step 4  
    Reboot-Resume  
}  
}  
  
$Invoke = Invoke-VMScript -VM $VM -ScriptText $ScriptText
```

⑥ A.

Script:

ServerBuildTemplate.ps1

```
BEGIN  
{  
    Get-BuildType -BuildType "2016_Std_Base"  
    Import-ParametersFromAPIToGuest  
}  
  
PROCESS  
{  
    if ($Step -eq "1")  
    {  
        Configure-NetworkInterface  
        Configure-IPv6  
        Configure-IPv4  
        Configure-WindowsFirewall  
        Configure-WindowsFirewallRules  
        Configure-CDROM  
        Configure-ECIFolders  
        Configure-RemoteDesktop  
        Configure-InternetExplorerESC  
        Configure-SwapFile  
        Configure-AutomaticReboot  
        Configure-WindowsFeatures  
        Update-Windows  
        Rename-LocalAdministrator  
        Rename-GuestComputer  
        Join-Domain  
    }  
    if ($Step -eq "2")  
    {  
        Configure-WindowsFeatures  
    }  
    if ($Step -eq "x")  
    {  
        Join-Domain  
    }  
}
```

⑥ B.

Module:

ECI.ConfigServer.psm1

Functions:
Configure-NetworkInterface
Configure-IPv6
Configure-IPv4
Configure-WindowsFirewall
Configure-WindowsFirewallRules
Configure-CDROM
Configure-ECIFolders
Configure-RemoteDesktop
Configure-InternetExplorerESC
Configure-SwapFile
Configure-AutomaticReboot
Configure-WindowsFeatures
Update-Windows
Rename-LocalAdministrator
Rename-GuestComputer
Join-Domain