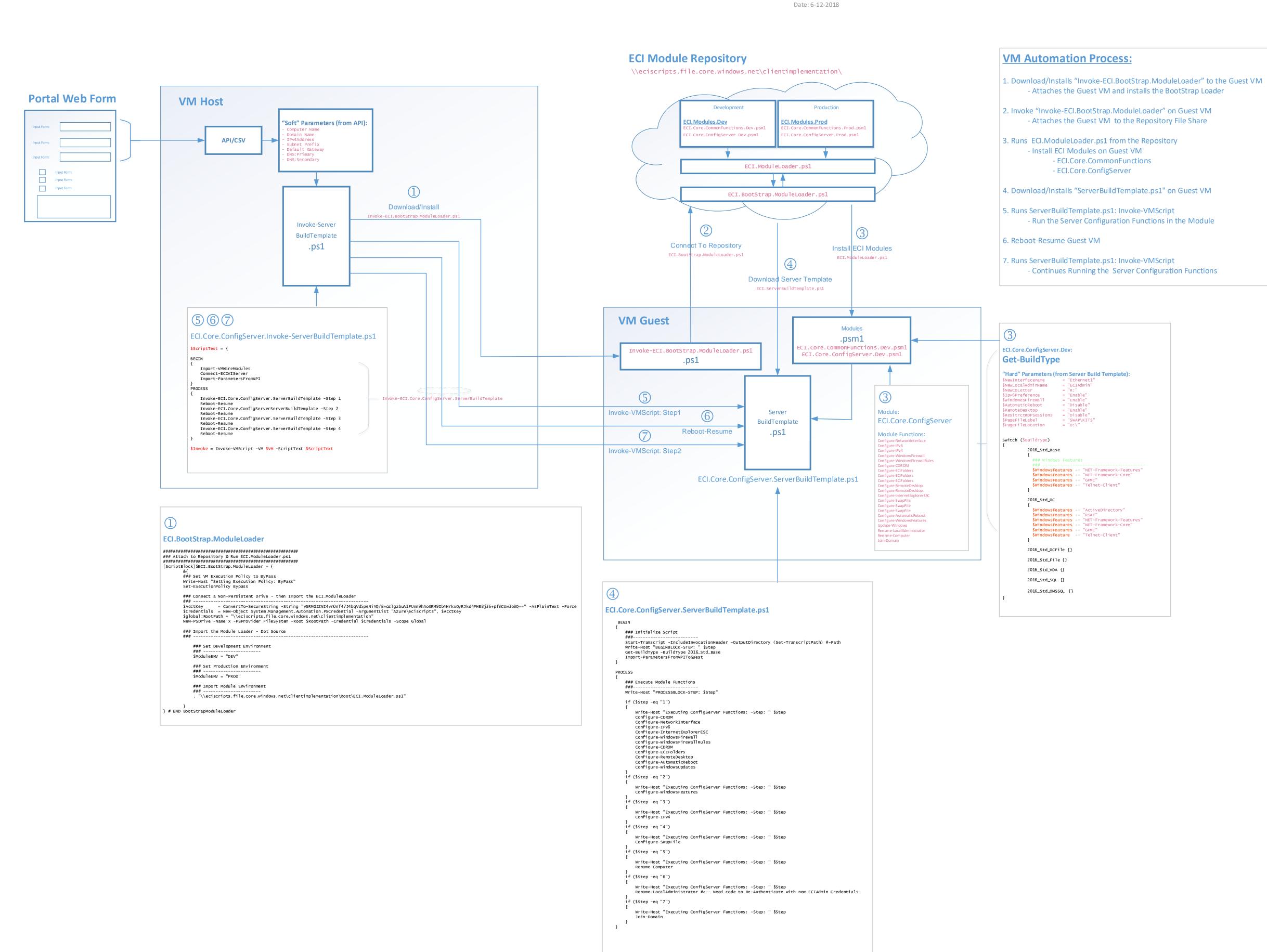
Eze Castle Integration ECI VM Automation Architecture Design Version: 1.0



```
ECI.ModuleLoader.ps1
### Set Repository Environments
function Set-ECIEnvironment
    [Alias("Set-ECI")]
[Alias("Set-Env")]
[Alias("SetEnv")]
[ValidateSet("Dev","Prod")]
     Param(
[Parameter(Mandatory = $False)] [string]$Env = "Dev")
     ### Set Repository Name Space
   ### Set Repository Variable
       = "\\eciscripts.file.core.windows.net\clientimplementation"
         sglobal:EnvPrive = Y
$global:EnvPath = "\\eciscripts.file.core.windows.net\clientimplementation\" + $Environment
$global:ModulePath = $EnvDrive + ":\" + "ECI.Modules." + $Env + "\" ### DO NOT use \\UNC Path in $env:PSModulePath - USE Mapped Drive
      ### Create Repository Object
    $ECI = New-Object PSObject -Property $ECI
   ### Write Console Header
  ### Clear PSModulePath
    ### Map Drives
     "ACCTKEY = ConvertTo-SecureString -String "VSRMGJZNI4vnOnf47J4bqVd5peNiYQ/8+ozlgzbuA1FUnn9hAoGRM9Ib4HrkxOyRJkd4PHE8j36+pfnCUw3o8Q==" -AsPlainText -Force $Credentials = New-Object System.Management.Automation.PSCredential -ArgumentList "Azure\eciscripts", $AcctKey
     ### Remove Environmental Drives
     *****

$PSEnvDrives = Get-PSDrive -PSProvider FileSystem | Where-Object {($_.DisplayRoot -like "*eciscripts*")}

if($PSEnvDrives)
         foreach($PSEnvDrive in $PSEnvDrives)
            #Write-Host "Removing Drive: $PSEnvDrive" -ForegroundColor Yellow
Remove-PSDrive -Name $PSEnvDrive -PSProvider FileSystem -Force
    ### Map Environmental Drives
    """
Write-Host "Mapping Root Drive: $RootDrive $RootPath" -ForegroundColor Yellow
$global:PSRootDrive = New-PSDrive -Name $ECI.RootDrive -PSProvider FileSystem -Root $ECI.RootPath -Credential $Credentials -Scope global -ErrorAction SilentlyContinue -Persist | Out-Null
    Write-Host "Mapping Environment Drive: EnvDrive $EnvPath" -ForegroundColor Yellow
$global:PSEnvDrive = New-PSDrive -Name $ECI.EnvDrive -PSProvider FileSystem -Root $ECI.EnvPath -Credential $Credentials -Scope global -Persist -ErrorAction SilentlyContinue | Out-Null
     ### Unload Previously Loaded modules
     """
$LoadedECIModules = Get-Module | Where-Object {($_.Name -like "ECI.*")}
foreach ($LoadedECIModule in $LoadedECIModules)
         Write-Host "Unloading ECI Module: " $LoadedECIModule -ForegroundColor Yellow
Remove-Module -Name $LoadedECIModule.Name
     ### Import ECI Core Modules
       $ECIModules = Get-Module -ListAvailable -Name ECI.Core*
      foreach ($ECIModule in $ECIModules)
         Write-Host "Importing Module: $ECIModule" -ForegroundColor Green
Import-Module -Name $ECIModule -DisableNameChecking -Global -Force #-Prefix ECI
    ### Set Propmpt & Location
###------
     """
Set-Location ($EnvDrive + ":\")
function global:Prompt {"[ECI-$Env] $(Get-Location) > "}
Set-ECIEnvironment DEV
```

Eze Castle Integration
ECI VM Automation Architecture
Author: Chris Brennan
Design Version: 1.0

Date: 6-12-2018

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