

Testing the Ivanti Endpoint Manager Distribution API

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Setup Commander uses the Distribution API which is available in Ivanti Endpoint Manager 2017.3 Update 3 and later.

This API and its documentation can be accessed on the EPM server using this URL:

<https://localhost/DistributionApi/Swagger/ui/index>

If you can't connect Setup Commander to your EPM environment successfully after using the tips and tricks provided in the **Options** of Setup Commander, use the following PowerShell script against your environment. Update the script to reflect your environment details first.

If this script doesn't finish successfully, contact Ivanti support to follow up with you.

```
# Variables
$username = "administrator"
$password = "P@ssw0rd"
$clientid = "SetupCommander"
$clientsecret = "secret"
$baseurl = "https://192.168.1.100/my.identityserver/identity/connect/token"
$returnCodeTemplatesUrl = "https://192.168.1.100/distributionapi/api/v1/ReturnCodeTemplates"

# Set the url
$data = "grant_type=password&client_id=" + $clientid + "&client_secret=" + $clientsecret + "&username=" + $username + "&scope=openid&password=" + $password

# Authenticate
$webclient = new-object System.Net.WebClient
[System.Net.ServicePointManager]::ServerCertificateValidationCallback = {$true}
$authResult = $webclient.UploadString($baseurl, $data)

# Get the access_token
$authResultJson = $authResult | ConvertFrom-Json
$accesstoken = $authResultJson.access_token

# Get the ReturnCodeTemplates
$req = [System.Net.WebRequest]::Create($returnCodeTemplatesUrl)
$req.Headers.Add("Authorization", "Bearer " + $accesstoken)
$req.Method = "GET"
$resp = $req.GetResponse()
$reqstream = $resp.GetResponseStream()
$sr = new-object System.IO.StreamReader $reqstream
$result = $sr.ReadToEnd()
Write-Host $result
```