

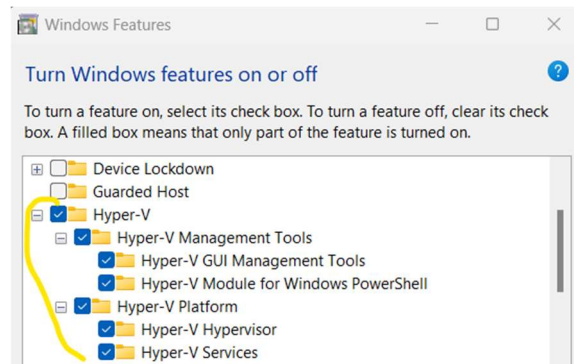
## Installation Manual

### Prerequisites

- PowerShell 5.1 (or higher)
- Docker 4.10.1 (or higher)
- Node 16.17.0 (or higher)

### O.S. Prerequisites

- Turn on the Hyper-V features



### Docker Prerequisites

Once installed docker, make sure to switch to Windows Containers	A screenshot of the Docker Desktop application menu. The menu is open, showing options like 'Dashboard', 'Sign in / Create Docker ID', 'Settings', 'Download updates...', 'Troubleshoot', 'Switch to Windows containers...', 'About Docker Desktop', 'Documentation', 'Quick Start Guide', 'Docker Hub', 'Pause', 'Restart', and 'Quit Docker Desktop'. The 'Switch to Windows containers...' option is highlighted with a yellow circle.
In the Docker settings, make sure you check the option "Use the WSL2 based engine" and unchecked "Use Docker Compose V2"	A screenshot of the Docker Desktop Settings window, specifically the 'General' tab. The settings are as follows: 'Start Docker Desktop when you log in' (unchecked), 'Expose daemon on tcp://localhost:2375 without TLS' (unchecked), 'Use the WSL 2 based engine' (checked with a yellow circle), 'Send usage statistics' (checked), 'Show weekly tips' (checked), 'Open Docker Dashboard at startup' (unchecked), and 'Use Docker Compose V2' (unchecked with a yellow circle). A yellow line highlights the 'Use the WSL 2 based engine' and 'Use Docker Compose V2' options.
It's not mandatory, but if you have problems with downloading images, add this configuration in "Docker Engine" section.	A screenshot of the Docker Desktop Settings window, specifically the 'Docker Engine' tab. The 'Docker Engine' section shows the version 'v20.10.17' and a configuration file. A yellow circle highlights the configuration file, which contains the following JSON: <pre>{  "debug": true,  "experimental": false}</pre>

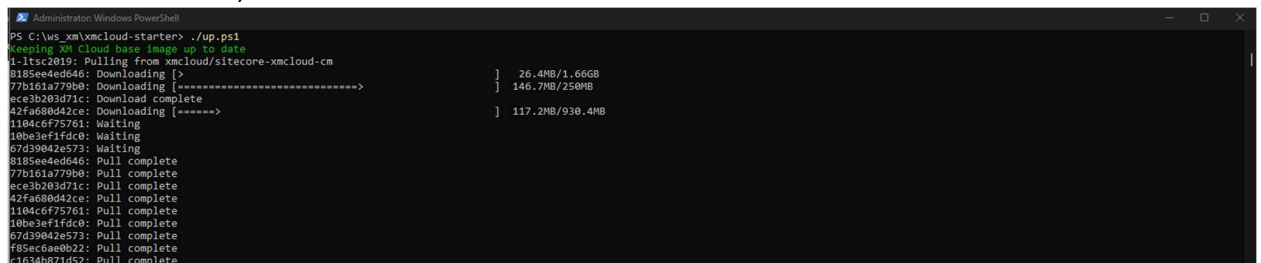
Clone repository from URL <https://github.com/OshynInc/TFR-Hackaton-2023.git>

In the local environment open a PowerShell console (as Administrator) and go to the root project folder

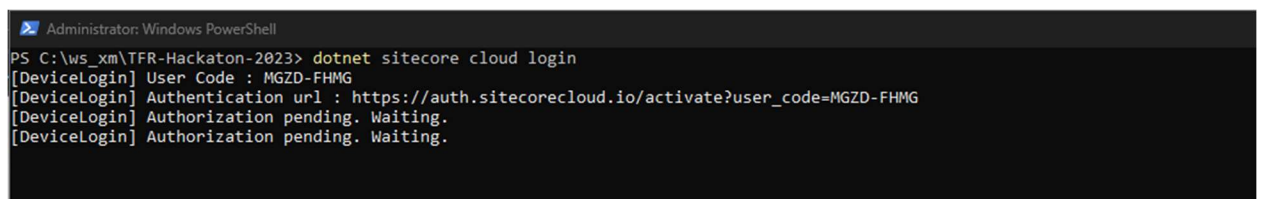
- Make sure the iis service is stopped, execute the command `iisreset /stop`
- execute the command `.\init.ps1 -InitEnv -LicenseXmlPath "<lic_path>license.xml" -AdminPassword "<some_pwd>"`

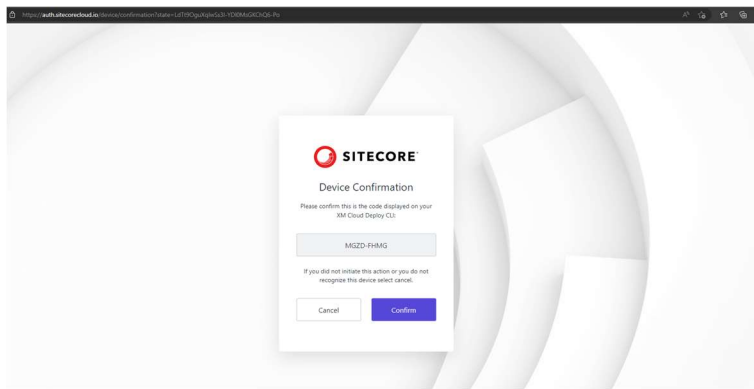


- To run the site, execute command `./up.ps1`
  - The process could be taking a couple of minutes (or hours, depends of the internet connection).

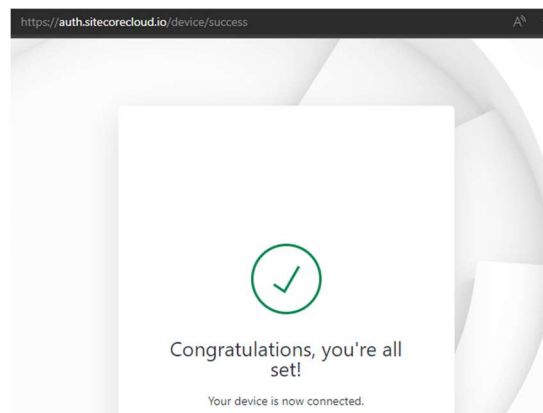


If the process ends without issues, your default web browser are open with a confirm dialog.





When you confirm, receive a success message.



Run the command: `dotnet sitecore cloud project list` and find the TFR-Hackaton-2023 section and take the Project Id value.

```
PS C:\ws_xm\TFR-Hackaton-2023> dotnet sitecore cloud project list
Found 2 project(s)
Oshyn-XMCloud Project detailed information:
Organization Name : oshyn
Organization Id   : org_FsWonXmgEvYcaCld
Project Id       : 4MmWFGq3F39eiWalyUqL2Z
Project name     : Oshyn-XMCloud
Region          : eus (East US)
Created by      : bcalisto@oshyn.com
Created at      : 11/30/2022 18:30:20
Last updated by : bcalisto@oshyn.com
Last updated at : 11/30/2022 18:30:20

TFR-Hackaton-2023 Project detailed information:
Organization Name : oshyn
Organization Id   : org_FsWonXmgEvYcaCld
Project Id       : 6IbyHSkMUd8wrPxmQd44wE
Project name     : TFR-Hackaton-2023
Region          : eus (East US)
Created by      : frueda@oshyn.com
Created at      : 3/4/2023 01:14:37
Last updated by : frueda@oshyn.com
Last updated at : 3/4/2023 01:14:37
```

With the value, run the command: `dotnet sitecore cloud environment list --project-id 6IbyHSkMUd8wrPxmQd44wE`

```
PS C:\ws_xm\TFR-Hackaton-2023> dotnet sitecore cloud environment list --project-id 6IbyHskMud8wrPxmQd44wE
Found 1 environment(s)
Live Environment detailed information:
Organization Id      : org_FsWonXmgEvYcaCld
Organization Name    : oshyn
Project Id           : 6IbyHskMud8wrPxmQd44wE
Project name         : TFR-Hackaton-2023
Environment Id       : 3vEwteq01ajySZ0drD2WRC
Environment Name     : Live
Environment Host     : xmc-oshyn-tfrhackaton2023-16a0.sitecorecloud.io
Environment Type     : nonprod
Created by           : frueda@oshyn.com
Created at           : 3/4/2023 07:35:00
Last updated by      : frueda@oshyn.com
Last updated at      : 3/4/2023 07:35:00
Provisioning status  : Complete
Provisioning last failure message :
```

Next, run the command: `dotnet sitecore connect --ref xmcloud --cm https://xmcloudcm.localhost --allow-write true -n local`

```
PS C:\ws_xm\TFR-Hackaton-2023> dotnet sitecore connect --ref xmcloud --cm https://xmcloudcm.localhost --allow-write true -n local
Environment 'local' has been connected to 'xmcloud' environment
```

Then execute: `dotnet sitecore ser pull -n "live"`

```
Administrator: Windows PowerShell
PS C:\ws_xm\xmcloud-starter> dotnet sitecore ser pull -n "live"

[master] [U] /sitecore/system/Settings/Services/Rendering Hosts/Default (dffee92b-0441-45a4-9207-67810b72bd46)
[master] [A] /sitecore/templates/Project/TFRHackathon2023 (79b35abc-c6eb-4a99-8b7c-fe30f0c447b2)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Site (5cba28e4-0f3f-43b6-ac7c-0d5decaad155)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Tenant (d0f9cc01-c975-4962-b22a-861cead16aee)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/JSS Settings (c1fa2bdd-41e9-4711-9612-76ac0ddc211b)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page (3168b9b4-4e76-4341-821c-bef2c6d7ae45)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page Design Folder (365a1c4d-3f33-4b61-81e9-84afed1e5140)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page Designs (492a21f1-7301-4ac1-bc29-dc4852a7f978)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Partial Design Folder (7879d26e-5681-43c2-bbb9-03e0cc413305)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Partial Designs (667e6ce7-042b-4ef1-925b-b6564aa8e875)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page/Content (090d1708-88bb-4049-8c13-bffe022561e4)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page/Content/Title (ca186254-41fb-4e8b-923e-cc2976dece9d)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page/Content/Content (370fbb0b-e426-4ab2-bfcb-497973f65e66)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Site/_Standard Values (0db74ffa-0267-47e7-9866-341d6b48f85a)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Tenant/_Standard Values (dd982071-9c15-4e49-9da6-c7112175f2a)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/JSS Settings/_Standard Values (cb50e47b-c85a-46ef-b765-524151ecb24f)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page/_Standard Values (076cdb7c-411c-4cdb-a0e7-b7ff73ef843b)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page Design Folder/_Standard Values (4589172e-d886-4ae0-9187-0f91e114216c)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page Designs/_Standard Values (abb794a4-e52c-4047-8e8d-fb22a43fb6db)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Partial Design Folder/_Standard Values (260333ef-35f2-4b19-8eac-abae9454dab4)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Partial Designs/_Standard Values (e04b2dbc-065a-4674-8c4e-dbe230084d2f)
[master] [A] /sitecore/content/TFRHackathon2023 (3858f502-9941-46a0-95fe-537cefc5e4be)
[master] [A] /sitecore/content/TFRHackathon2023/TFRHackathon2023 (bd450a5c-714f-4b09-bc25-a93cef3673c4)
[master] [A] /sitecore/content/TFRHackathon2023/TFRHackathon2023/Home (3db9979e-64fa-43da-a72a-d43ba9374b0a)
[master] [A] /sitecore/content/TFRHackathon2023/TFRHackathon2023/Media (cf1b4bc5-effa-4e4d-9da3-2e5a215ad9a3)
```

And finally: `dotnet sitecore ser push -n "local"`

```
Administrator: Windows PowerShell
PS C:\ws_xm\xmcloud-starter> dotnet sitecore ser push -n "local"

[master] [U] /sitecore/system/Settings/Services/Rendering Hosts/Default (dffee92b-0441-45a4-9207-67810b72bd46)
[master] [A] /sitecore/templates/Project/TFRHackathon2023 (79b35abc-c6eb-4a99-8b7c-fe30f0c447b2)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page Design Folder (365a1c4d-3f33-4b61-81e9-84afed1e5140)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Site (5cba28e4-0f3f-43b6-ac7c-0d5decaad155)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Tenant (d0f9cc01-c975-4962-b22a-861cead16aee)
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[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page Designs (492a21f1-7301-4ac1-bc29-dc4852a7f978)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page (3168b9b4-4e76-4341-821c-bef2c6d7ae45)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Partial Designs (667e6ce7-042b-4ef1-925b-b6564aa8e875)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Partial Design Folder (7879d26e-5681-43c2-bbb9-03e0cc413305)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page/Content (090d1708-88bb-4049-8c13-bffe022561e4)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page/Content/Content (370fbb0b-e426-4ab2-bfcb-497973f65e66)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page/Content/Title (ca186254-41fb-4e8b-923e-cc2976dece9d)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Page Design Folder/_Standard Values (4589172e-d886-4ae0-9187-0f91e114216c)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Site/_Standard Values (0db74ffa-0267-47e7-9866-341d6b48f85a)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/Headless Tenant/_Standard Values (dd982071-9c15-4e49-9da6-c7112175f2a)
[master] [A] /sitecore/templates/Project/TFRHackathon2023/JSS Settings/_Standard Values (cb50e47b-c85a-46ef-b765-524151ecb24f)
```

And that's all, you have been set your local environment. Let's have fun!!