

### Sitecore CLI and Plugin Installation

Create/Navigate Project Folder	cd <project folder>
Create DotNet Tool Manifest	dotnet new tool-manifest
Add Nuget Source	dotnet nuget add source -n Sitecore <a href="https://nuget.sitecore.com/resources/v3/index.json">https://nuget.sitecore.com/resources/v3/index.json</a>
Install Sitecore.CLI Tool	dotnet tool install Sitecore.CLI
To initialize New Project	dotnet sitecore init
Install the XM Cloud plugin (Requires Sitecore CLI version 5.0.0 and later)	dotnet sitecore plugin add -n Sitecore.DevEx.Extensibility.XMCloud
To view plugins installed/initialized	dotnet sitecore plugin list

### Installing Sitecore CLI

### XM Cloud Plugin Commands

List of all the commands, subcommands.

Login	inter- active	For interactive user login using a device code authentication flow	dotnet sitecore cloud login
Login	non-in- teractive	For non-interactive client logins using client credential flows	dotnet sitecore cloud login --client-credentials --client-id <clientId> --client-secret <clientSecret>
Logout	logout	To log out of an XM Cloud environment	dotnet sitecore cloud logout
Organi- zation	info	To show information about the current user's organization	dotnet sitecore cloud organization info --organization-id <id>
Organi- zation	health	To provide information about the status of the organization's resources.	dotnet sitecore cloud organization health --organization-id <id>
Organi- zation	license	To download your organization's license file using the license subcommand	dotnet sitecore cloud organization license --organization-id <id>
Project	list	To get the list of all XM Cloud Projects	dotnet sitecore cloud project list
Project	info	To get information about an XM Cloud Project	dotnet sitecore cloud project info --project-id <project-id>
Project	create	To create an XM Cloud Project	dotnet sitecore cloud project create --name "Project name"
Project	update	To update the name of the XM Cloud Project	dotnet sitecore cloud project update --project-id <project-id> --name "Updated Name"
Project	delete	To remove an XM Cloud project	dotnet sitecore cloud project delete --project-id <project-id>
Enviro- nment	list	To list all the XM Cloud environments for a project	dotnet sitecore cloud environment list --project-id <project ID>
Enviro- nment	info	To get information about an XM Cloud Environment	dotnet sitecore cloud environment info --environment-id <environment-id>



### XM Cloud Plugin Commands (cont)

Environment	create	To create a new XM Cloud environment	<code>dotnet sitecore cloud environment create --name "Staging" --project-id &lt;project-id&gt;</code>
Environment	update	To update an existing XM Cloud environment	<code>dotnet sitecore cloud environment update --environment-id &lt;env-id&gt; --name "Updated Name"</code>
Environment	delete	To remove an XM Cloud environment	<code>dotnet sitecore cloud environment delete --environment-id &lt;environment-id&gt;</code>
Environment	connect	To connect your Sitecore solution to an existing environment	<code>dotnet sitecore cloud environment connect --environment-id &lt;environment-id&gt;</code>
Environment	disconnect	To disconnect your Sitecore solution from an existing environment	<code>sitecore cloud environment disconnect --environment-id &lt;environment-id&gt;</code>
Environment	promote	To promote an existing deployment into a specific environment	<code>sitecore cloud environment promote --environment-id &lt;environment-id&gt; --source-id &lt;deployment-id&gt;</code>
Environment	log list	To list the log file names from the deployment	<code>dotnet sitecore cloud environment log list --environment-id &lt;env-id&gt;</code>
Environment	log download	To download and save the content of the specified log file	<code>dotnet sitecore cloud environment log download --environment-id &lt;env-id&gt; --logfile &lt;logfile&gt;</code>
Environment	log view	To download and print the content of the specified log file to the console	<code>dotnet sitecore cloud environment log view --environment-id &lt;env-id&gt; --logfile &lt;logfile&gt;</code>
Environment	health	To display the health status of an environment's resources	<code>dotnet sitecore cloud environment health --environment-id &lt;environment-id&gt;</code>
Environment	variable list	To list all the environment variables for an XM Cloud environment	<code>dotnet sitecore cloud environment variable list --environment-id &lt;environment-id&gt;</code>
Environment	variable upsert	To create or update environment variables for an XM Cloud environment	<code>dotnet sitecore cloud environment variable upsert --environment-id env1 --name testvar --value testval --target CM 'testvar'</code>
Environment	variable delete	To delete the specified environment variable from an XM Cloud environment	<code>dotnet sitecore cloud environment variable delete --environment-id env1 --name testvar 'testvar'</code>
Environment	restart	To restart the authoring environment without downtime.	<code>dotnet sitecore cloud environment restart --environment-id &lt;environment-id&gt;</code>
Deployment	create	To create and start a deployment entity for an XM Cloud environment	<code>dotnet sitecore cloud deployment create --environment-id &lt;id&gt; --no-start --no-watch --upload --working-dir &lt;path&gt;</code>
Deployment	info	To get information about a specific XM Cloud deployment	<code>dotnet sitecore cloud deployment get --deployment-id &lt;id&gt;</code>
Deployment	list	To list the most recent deployments for an environment	<code>dotnet sitecore cloud deployment list --environment-id &lt;id&gt;</code>



### XM Cloud Plugin Commands (cont)

Deployment	start	To start the execution of a deployment	<code>dotnet sitecore cloud deployment start --deployment-id &lt;id&gt; --no-watch</code>
Deployment	watch	To show information about the deployment status/progress	<code>dotnet sitecore cloud deployment watch --deployment-id &lt;id&gt;</code>
Deployment	log	To show or download logs about a specific deployment	<code>dotnet sitecore cloud deployment log --deployment-id &lt;id&gt; --output &lt;path&gt;</code>

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