

### 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<br><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-<br>active     | For interactive user login using a device code authentication flow        | dotnet sitecore cloud login                                                                            |
| Login                                  | non-in-<br>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-<br>zation                      | info                 | To show information about the current user's organization                 | dotnet sitecore cloud organization info --organization-id <id>                                         |
| Organi-<br>zation                      | health               | To provide information about the status of the organization's resources.  | dotnet sitecore cloud organization health --organization-id <id>                                       |
| Organi-<br>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-<br>nment                       | list                 | To list all the XM Cloud environments for a project                       | dotnet sitecore cloud environment list --project-id <project ID>                                       |
| Enviro-<br>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                                       | dotnet sitecore cloud environment create --name "Staging" --project-id <project-id>                                          |
| Environment | update          | To update an existing XM Cloud environment                                 | dotnet sitecore cloud environment update --environment-id <env-id> --name "Updated Name"                                     |
| Environment | delete          | To remove an XM Cloud environment                                          | dotnet sitecore cloud environment delete --environment-id <environment-id>                                                   |
| Environment | connect         | To connect your Sitecore solution to an existing environment               | dotnet sitecore cloud environment connect --environment-id <environment-id>                                                  |
| Environment | disconnect      | To disconnect your Sitecore solution from an existing environment          | sitecore cloud environment disconnect --environment-id <environment-id>                                                      |
| Environment | promote         | To promote an existing deployment into a specific environment              | sitecore cloud environment promote --environment-id <environment-id> --source-id <deployment-id>                             |
| Environment | log list        | To list the log file names from the deployment                             | dotnet sitecore cloud environment log list --environment-id <env-id>                                                         |
| Environment | log download    | To download and save the content of the specified log file                 | dotnet sitecore cloud environment log download --environment-id <env-id> --logfile <logfile>                                 |
| Environment | log view        | To download and print the content of the specified log file to the console | dotnet sitecore cloud environment log view --environment-id <env-id> --logfile <logfile>                                     |
| Environment | health          | To display the health status of an environment's resources                 | dotnet sitecore cloud environment health --environment-id <environment-id>                                                   |
| Environment | variable list   | To list all the environment variables for an XM Cloud environment          | dotnet sitecore cloud environment variable list --environment-id <environment-id>                                            |
| Environment | variable upsert | To create or update environment variables for an XM Cloud environment      | dotnet sitecore cloud environment variable upsert --environment-id env1 --name testvar --value testval --target CM 'testvar' |
| Environment | variable delete | To delete the specified environment variable from an XM Cloud environment  | dotnet sitecore cloud environment variable delete --environment-id env1 --name testvar 'testvar'                             |
| Environment | restart         | To restart the authoring environment without downtime.                     | dotnet sitecore cloud environment restart --environment-id <environment-id>                                                  |
| Deployment  | create          | To create and start a deployment entity for an XM Cloud environment        | dotnet sitecore cloud deployment create --environment-id <id> --no-start --no-watch --upload --working-dir <path>            |
| Deployment  | info            | To get information about a specific XM Cloud deployment                    | dotnet sitecore cloud deployment get --deployment-id <id>                                                                    |
| Deployment  | list            | To list the most recent deployments for an environment                     | dotnet sitecore cloud deployment list --environment-id <id>                                                                  |



### 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>                      |
| Editing Host | create | To create a new editing host                                | <code>dotnet sitecore cloud editinghost create --name &lt;name&gt; --cm-environment-id &lt;cm-environment-id&gt;</code> |
| Editing Host | update | To update the name of an existing editing host              | <code>dotnet sitecore cloud editinghost update --environment-id &lt;editinghost-id&gt; --name "Staging updated"</code>  |
| Editing Host | delete | To permanently deletes an editing host                      | <code>dotnet sitecore cloud editinghost delete --environment-id &lt;editinghost-id&gt;</code>                           |
| Editing Host | deploy | To create and start a deployment entity for an editing host | <code>dotnet sitecore cloud editinghost deploy --environment-id &lt;editinghost-id&gt;</code>                           |



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