

Technical Document

Niagara Cloud Suite (NCS) — Quick Start Guide

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Niagara Cloud Suite (NCS) — Quick Start Guide

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About this guide

This topic contains important information about the purpose, content, context, and intended audience for this document.

Product Documentation

This document is part of the Niagara technical documentation library. Released versions of Niagara software include a complete collection of technical information that is provided in both online help and PDF format. The information in this document is written primarily for Systems Integrators. To make the most of the information in this book, readers should have some training or previous experience with Niagara software, as well as experience working with JACE network controllers.

Document Content

This document provides information and requirements to onboard to the Niagara Cloud Suite.

Document change log

Changes to this document are listed in this topic.

Initial release publication: February 5, 2024

Related Documentation

Additional information is available in these documents.

Niagara Cloud Suite (NCS) Partner Guide

Niagara Cloud Suite (NCS) Customer Guide

CloudLink Guide

JACE-8000 Install and Startup Guide

Getting started

Topics covered in this chapter

- ◆ Overview
- ◆ Requirements
- ◆ Onboarding to NCS
- ◆ More information

This section provides an overview of the software requirements and procedures required to use Niagara Recover, Niagara Remote and Niagara Data Service.

Overview

This guide gives you a quick overview of all the requirements and prerequisites needed to set up and use NCS services successfully. Niagara Cloud Suite (NCS) is a scalable cloud-based solution that provides secure, remote building management services. It offers Niagara Remote, which enables you to securely access the built-in web interface on your Niagara stations directly from the Niagara Cloud Management Portal without using a VPN, Niagara Recover, which is a service that manages the storage and retrieval of station distribution file backups stored in the Niagara Cloud Management Portal, and Niagara Data Service (NDS), which extends API-based access to semantically-enhanced history data aggregated by the Niagara Framework Niagara Framework.

Prerequisites

To use CloudLink, you must have a properly licensed Niagara 4.10u7 or higher Workbench PC. Additionally, you must have a Niagara station that is properly licensed for CloudLink. All systems must be running Niagara 4.10u7 or later LTS (long-term support) versions, or Niagara 4.13 or later non-LTS versions. Internet access is required for all systems as well.

Requirements

This topic describes the platform, licensing, and software requirements for using Niagara Remote and Niagara Recover in Niagara Cloud Management Portal as well as using Niagara Data Service.

Onboarding requirements

- You have an active Niagara Community user account.
- The license has an active Support Maintenance Agreement (SMA).
- The license has an applicable NCS software option.

Platform and application requirements

- The **Cloud Connection Service** requires Niagara 4.10u7 or later.
- A Workbench connection is required to install the **cloudLink** modules and configure the **Cloud Connection Service**.
- A browser is required to access the Niagara Cloud Management Portal.
- The Backup Channel requires Niagara 4.10u7 or Niagara 4.13 or later.

License requirements

- A **cloudLink** license must be enabled on the host.
- You must have an active SMA.
- An active subscription to one or more Niagara Cloud services.

Niagara Community credentials

To register a device using the Niagara Cloud Management Portal, you must be a registered user of the Niagara Community and your Partner Admin must have given you access to a particular customer. A user without access will be redirected to Niagara Community.

CloudLink version requirements for NCS

Refer to the following CloudLink version matrix on the Resource Center to be able to use certain NCS features: [CloudLink version requirements for NCS](#).

Internet access

Internet access is required for all stations and clients. For more information, refer to [Setting up device internet access](#).

Security precautions

Station security is a must-have for all Niagara applications. Adequate security involves these best practices. To learn more about station security, see Niagara Station Security Guide.

Onboarding to NCS

Use the following steps to successfully onboard to NCS.

- Step 1 In Niagara Cloud Management Portal, create a customer project. For more information, see “Setting up a project” in the *Niagara NCS Partner Guide*.
- Step 2 From the Niagara Community (Niagara Central) software portal at <https://www.niagara-community.com>, install the required software modules from **Software**→**Download**.

Modules

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Software	Released	Size	Availability	Download	File Hash	
Niagara Cloud Suite modules for 4.10U7 GA Niagara_Cloud_Link-4.10.7.42.zip	Jan 31, 2024	5 MB	Released	↓	sha	
Niagara Cloud Suite modules for 4.13U2 GA Niagara_Cloud_Link-4.13.2.20.zip	Jan 31, 2024	2 MB	Released	↓	sha	

NOTE: Ensure that you have the latest LTS-version or non-LTS-version of Niagara. Then download the NCS bundle corresponding to the Niagara version. Installing the correct NCS bundle (for the Niagara version you are using) from the Niagara Community software download page will install all the required modules. However, if you upgrade from an earlier version, refer to “Requirements” in the *Niagara NCS Partner Guide* for information about version-relevant modules.

For more information, see “Installing software modules” in the *Niagara NCS Partner Guide*

- Step 3 Unzip the modules, and install them in your **Niagara home**→**modules** folder. Restart your station.
- Step 4 In your station, under the **Services** container, add the **CloudConnectionService** component from the **cCloudLinkNcs** palette. For more information, see “Adding the CloudConnectionService” in the *Niagara NCS Partner Guide*.
- Step 5 In Workbench, under **CloudConnectionService**, complete the device registration. For more information, see “Registering a device” in the *Niagara NCS Partner Guide*.

More information

For further information about Niagara Cloud Suite features, refer to the following topics.

NOTE: To access the user documentation in the Resource Center, log in to the Niagara Community at <https://www.niagara-community.com>.

- CloudLink minimum versions to use NCS features: [CloudLink version requirements for NCS](#)

- “Niagara Remote” chapter in the [Niagara Partner Guide](#)
- “Niagara Remote” chapter in the [Niagara CloudLink Guide](#)
- “cloudLink-NiagaraRemoteTransport” chapter in the [Niagara CloudLink Guide](#)
- “Niagara Recover” chapter in the [Niagara Partner Guide](#)
- “Recovering a station” chapter in the [Niagara CloudLink Guide](#)

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