Milesight

Installation and Operating Guide

Milesight Storage Plugin for Nx Witness

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Contents

Chapter 1. Introduction

The latest version of the Milesight plugin now supports integration with **Wasabi Hot Cloud Storage**. By connecting to a designated Wasabi storage pool (Bucket), the plugin utilizes the Nx Storage SDK to store recorded video data in Wasabi Hot Cloud Storage via the S3 protocol. This enables users to benefit from scalable, secure, and cost-effective cloud storage for their video recordings, ensuring data is safely archived and easily accessible.

This User Guide focuses on installing the Milesight storage plugin and configuring Wasabi Hot Cloud Storage integration with Nx Witness for efficient cloud storage for your video recordings.

If you have any questions, please do not hesitate to contact our Milesight Support Team at support@milesight.com.

1.1 System Requirement

[Supported Nx Witness version]

Network Optix Witness VMS v 5.1 or above.

[Supported Operating Systems]

Linux: Ubuntu 20.04, 22.04 **Windows:** 10, 11
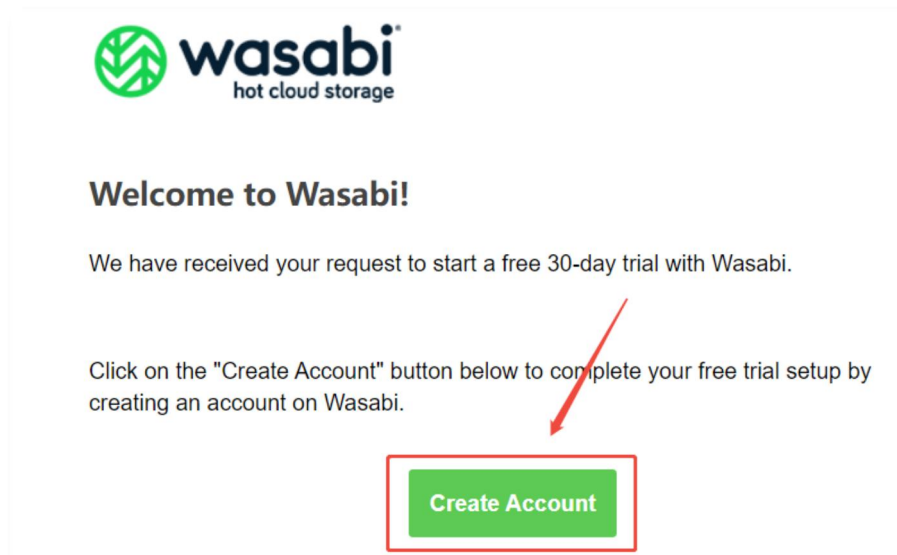
Chapter 2. Installations

2.1 Pre-installation Configuration
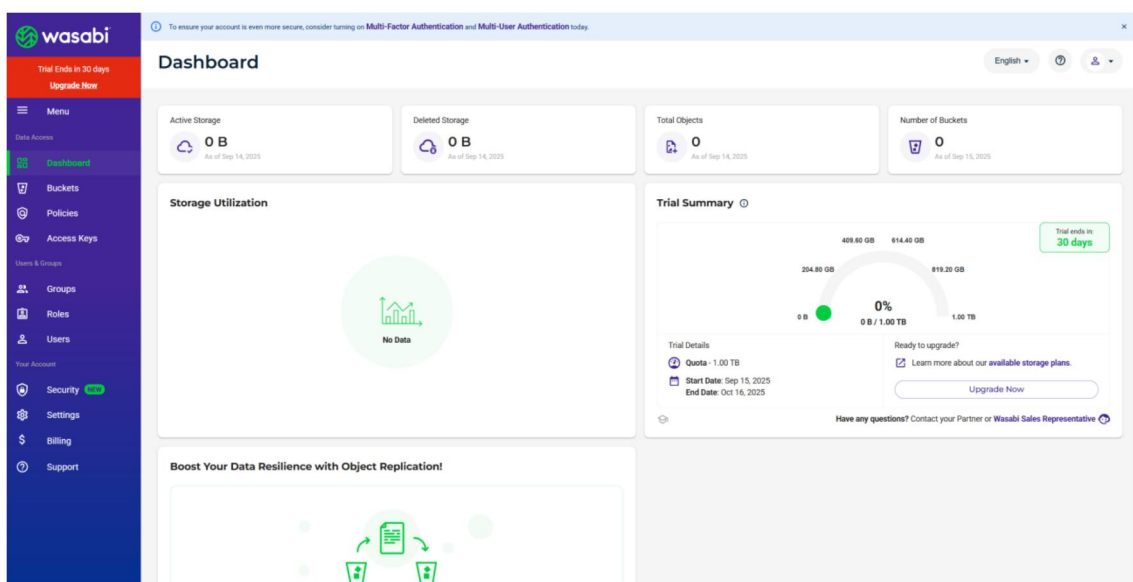
Step 1: Create your Wasabi account.

Go to the Wasabi website and click on "Sign up here." Fill out the application form for the 30-day free trial, and you will receive an email.

In the email, click "Create Account" to complete your registration.
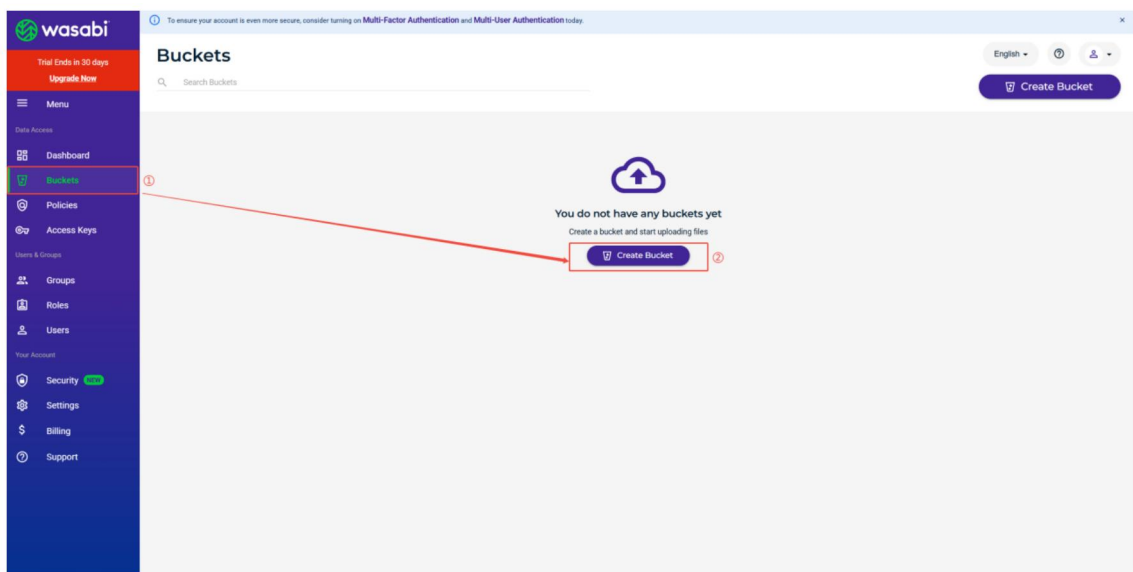
After creating your account, log in to the website to start your 30-day free trial.
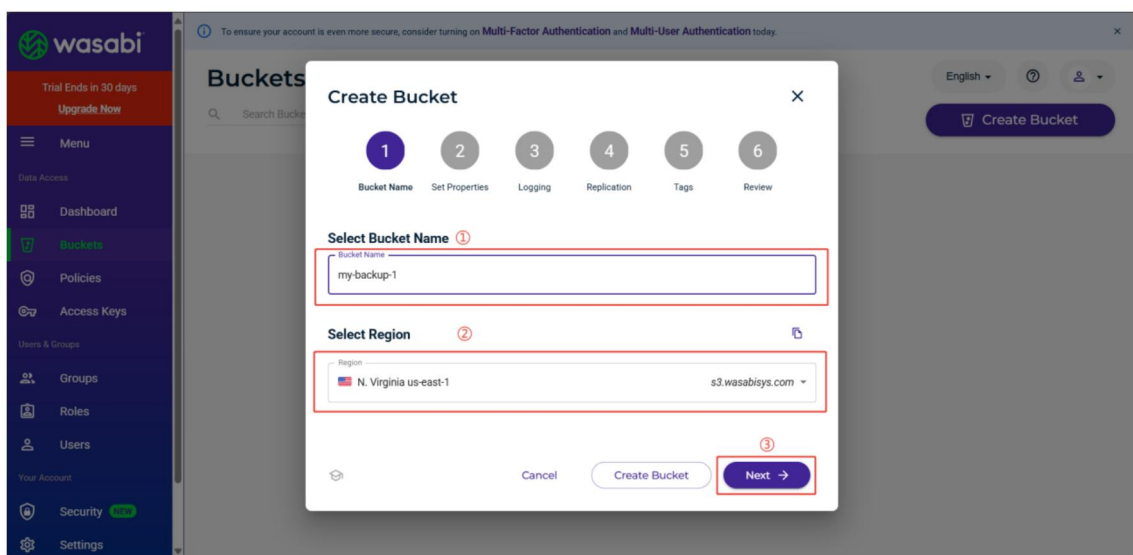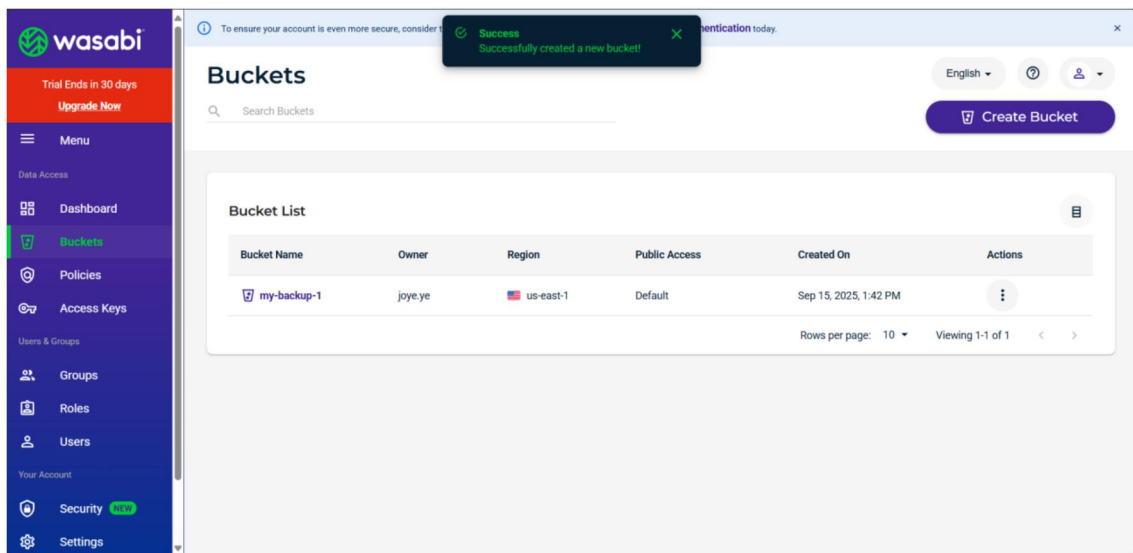

Step 2: Create Your Bucket.

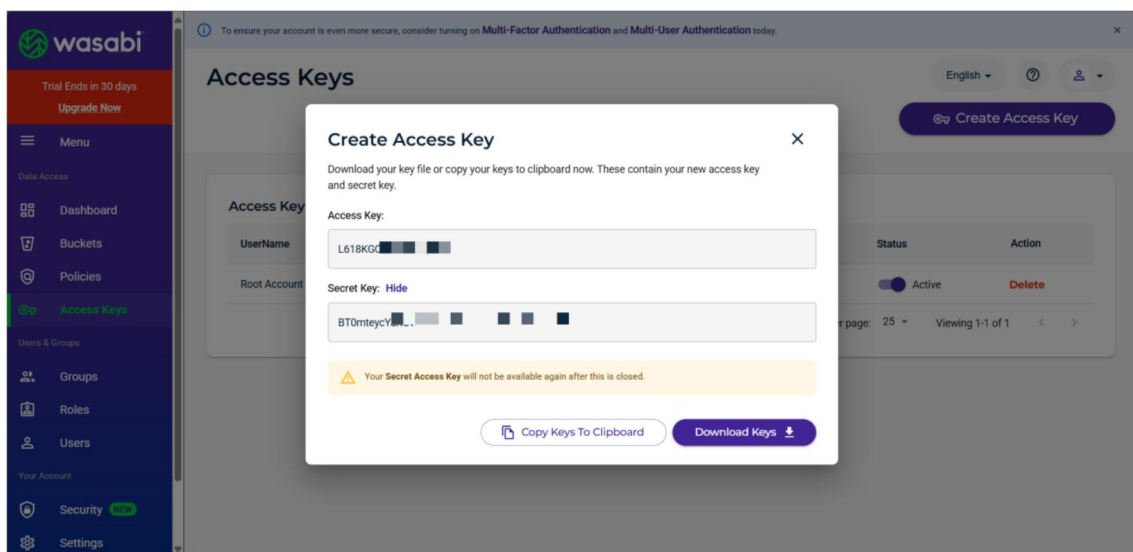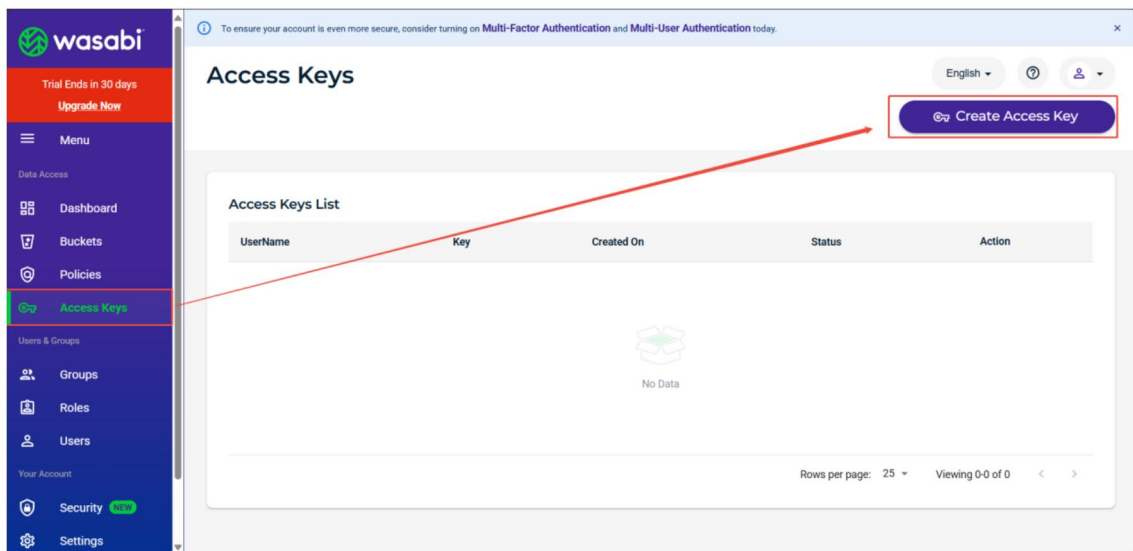Navigate to the "Bucket" section, and click on "Create Bucket".

Create a unique bucket name and select the region, then click "Next". You can simply click "Next" to complete the remaining steps.
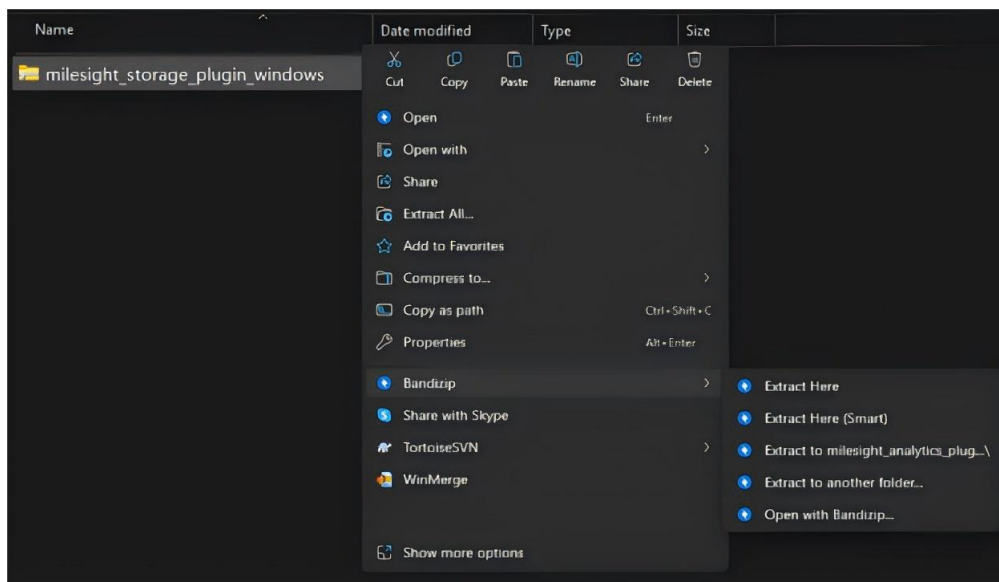
Step 3: Create Access Key.

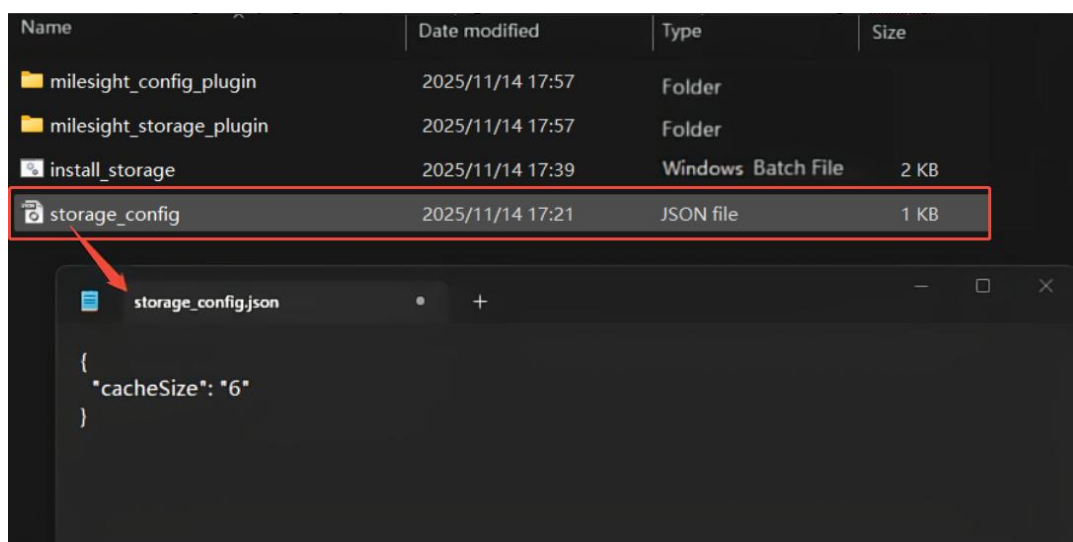Save the file by clicking "Download Keys".

2.2 Plugin Installation

**Step 1:** Extract milesight_storage_plugin.zip into a folder.

Step 2: Configure Local Buffer.

Before installing the plugin, please configure the local buffer in the *storage.config* file provided in the installation package.


Local buffering is used to temporarily store video data on the device and then upload it asynchronously when network or bandwidth issues occur. This helps prevent data loss and enhances users' data security. The default value is 6GB, but users can adjust it according to their actual needs.

Step 3: Right-click on "install_storage" and select "Run as administrator" to finish the installation of the plugin.
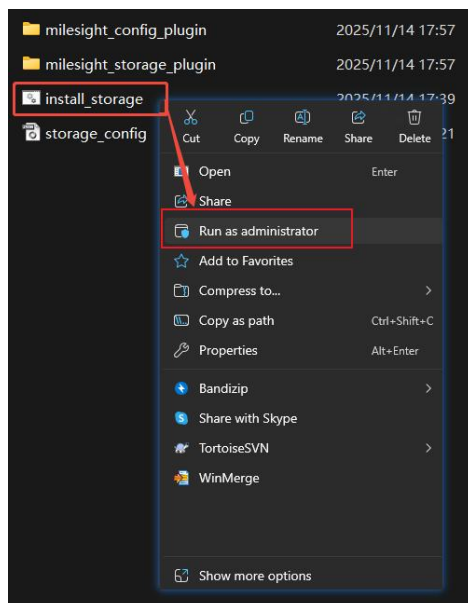

Step 4: Launch the Nx Witness and configure Server Storage. Right Click on the Server, and choose "Server Settings".
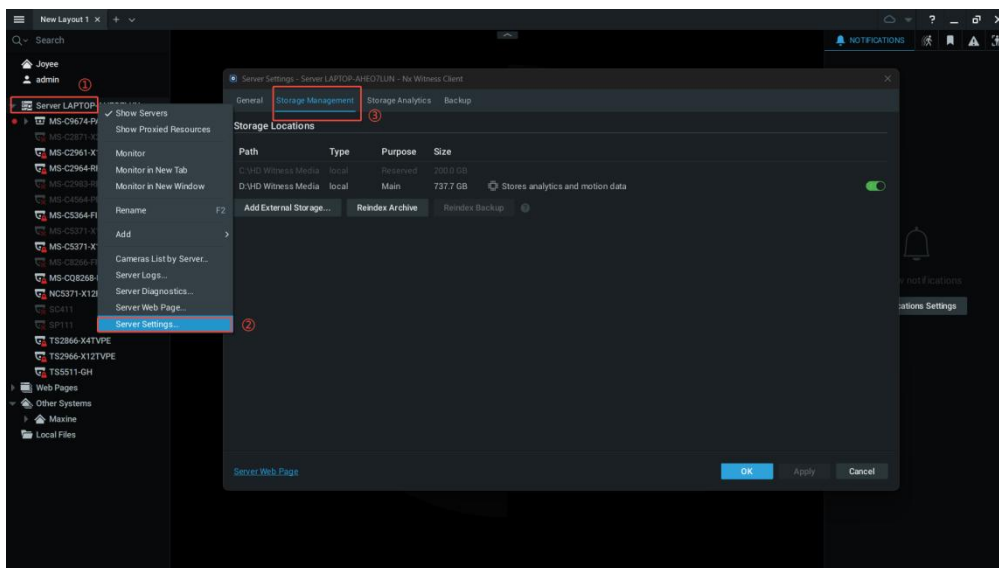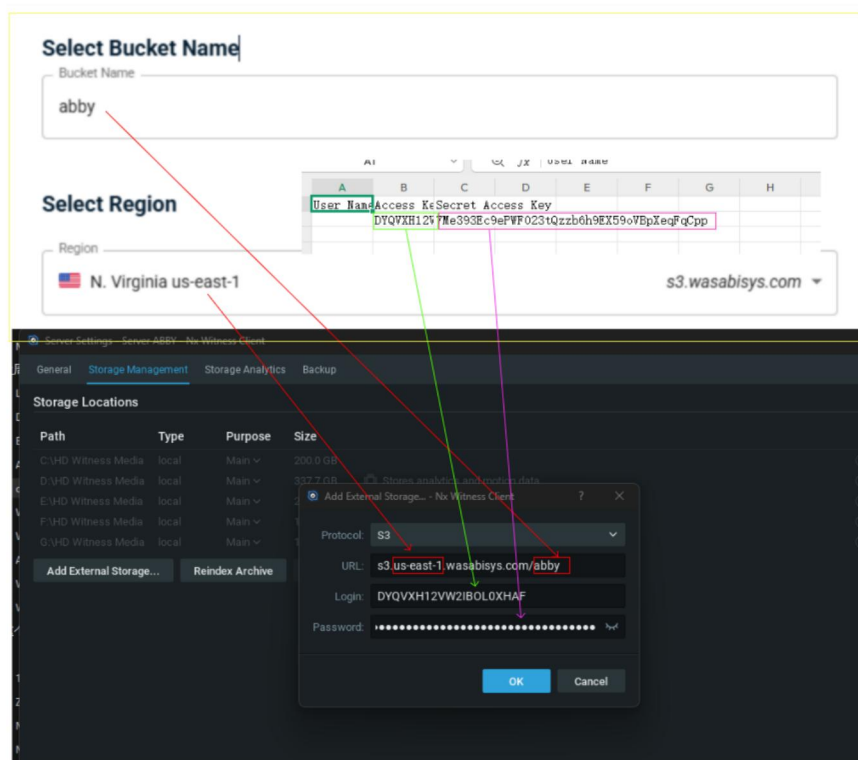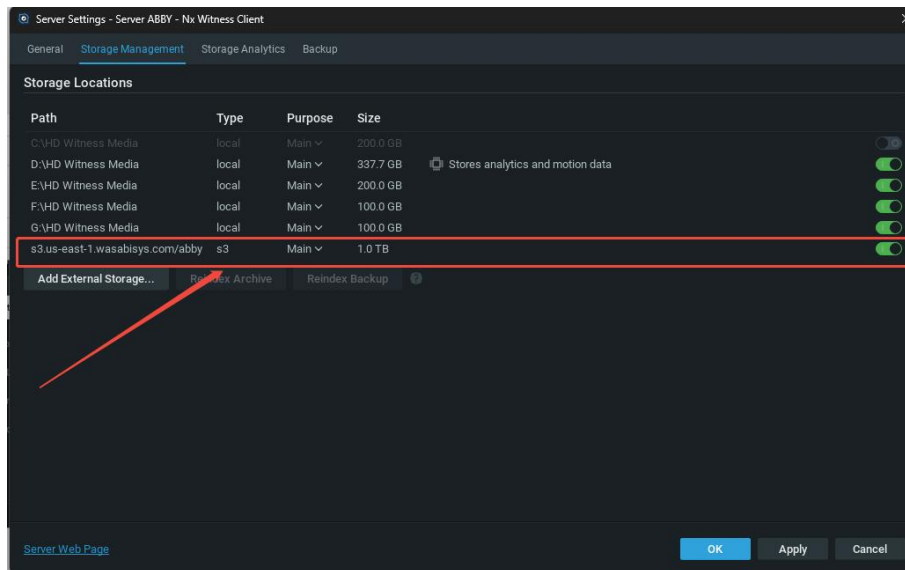

In the **Storage Manage** page, click on "Add External Storage".

In the pop-up creation window, select "S3" as the default protocol from the dropdown menu. Enter the "Access Key" and "Secret Key" in the Login and Password fields. In the URL field, provide the region and endpoint information of your bucket.
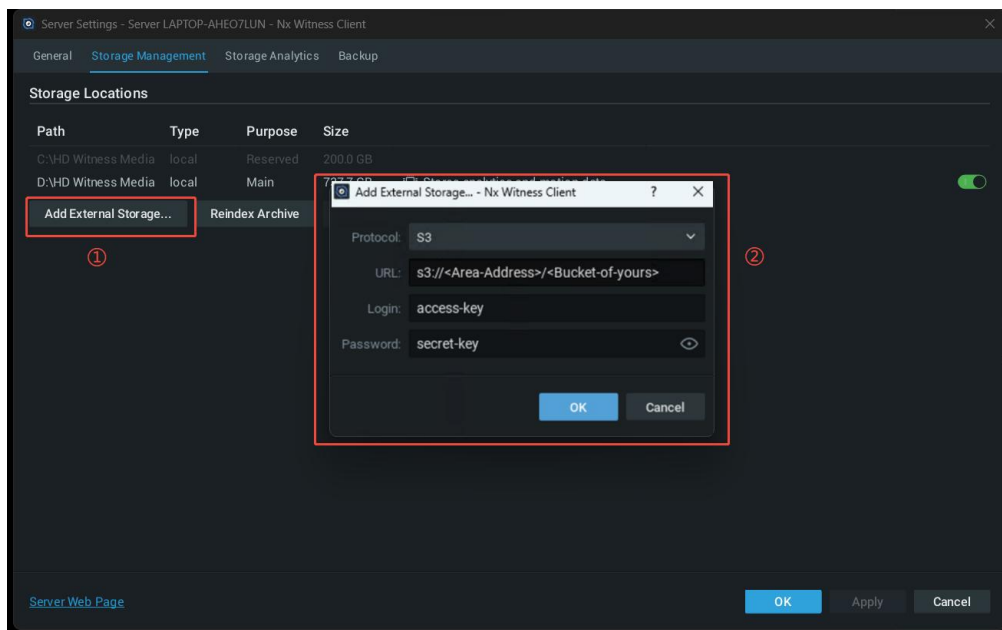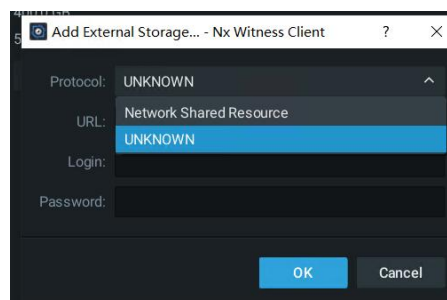
The completed information should match as shown below:
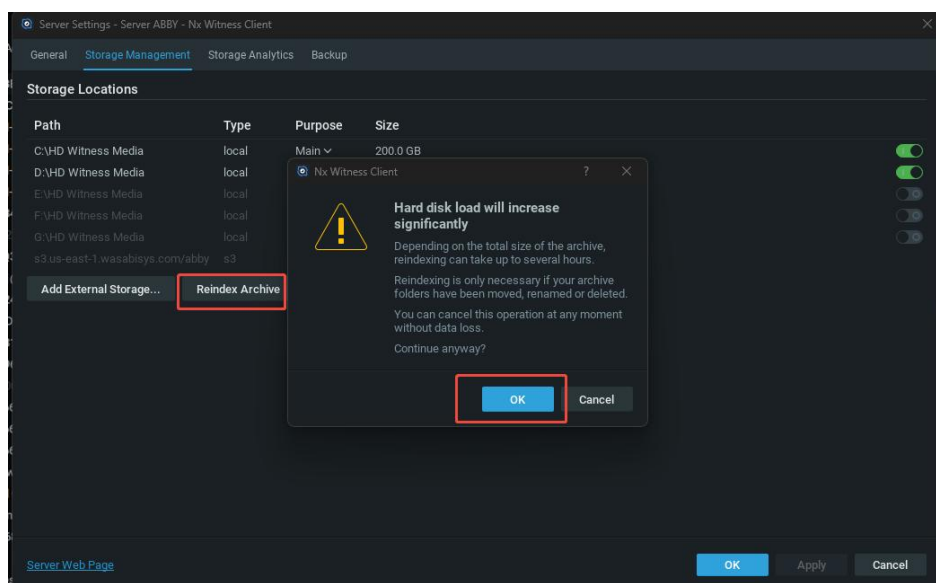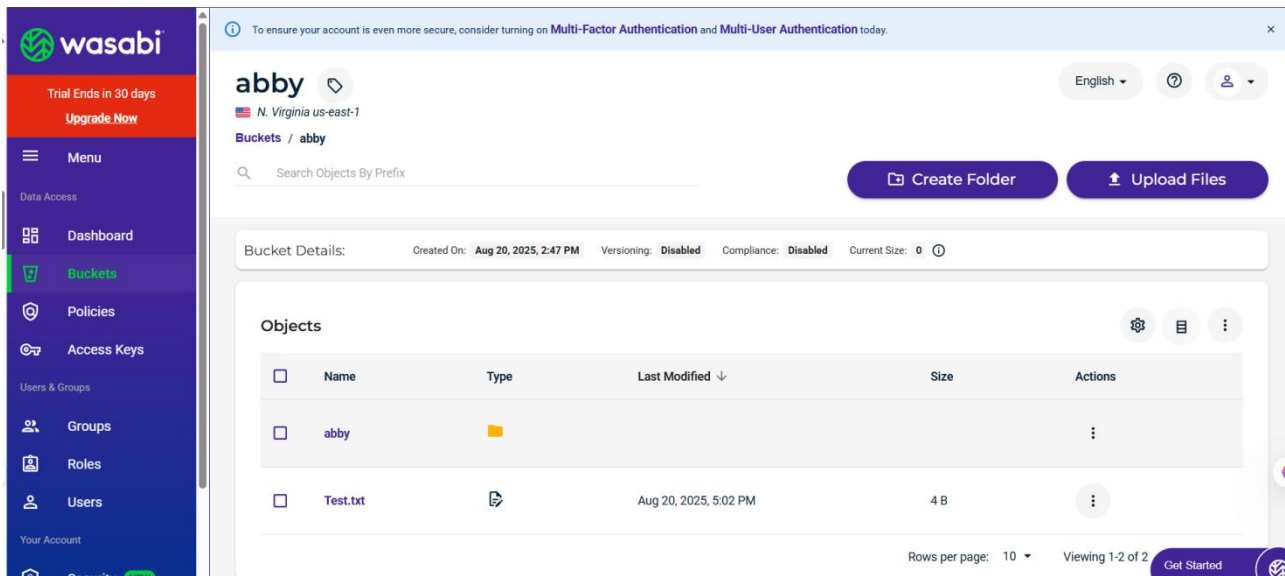
Note:

- If the Nx license is invalid, the Protocol field will display as UNKNOWN.

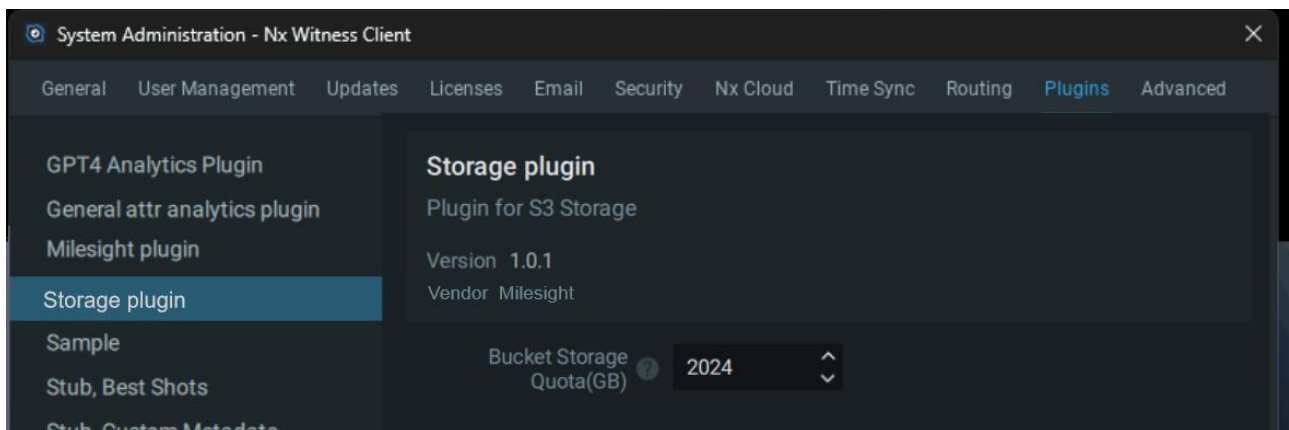- Bucket Name should be unique for each server to avoid potential overlap.

Step 5: After configuring the cloud storage, click on "Reindex Archive". Then, check in Wasabi to confirm the video file has been uploaded.

2.3 Set Bucket Storage Quota

Users can configure cloud account quotas on the Storage Plugin page.

The Bucket Storage Quota (GB) specifies the total storage capacity available for the cloud account in Nx. When the uploaded recording data reaches the configured quota, the plugin will begin overwriting older recordings. The default value is 1024 GB.

Chapter 3. Services

Milesight provides customers with timely and comprehensive technical support services. End-users can contact your local dealer to obtain technical support. Distributors and resellers can contact directly with Milesight for technical support.

Technical Support Mailbox: support@milesight.com

Web: https://www.milesight.com

Online Problem Submission System:

https://www.milesight.com/service/feedback.asp

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