

# NITRO CDN Upgrade

**Applies To:** SharePoint Online

## Description

CDN stands for **Content Delivery Network**. It is a network of servers distributed across various locations worldwide to deliver content (such as websites, images, videos, or other assets) to users more quickly and reliably.

When a user accesses content from a website using a CDN, the content is delivered from the server closest to the user's location, reducing latency and improving loading speed. CDNs also help with load balancing, scalability, and protection against traffic spikes or Distributed Denial of Service (DDoS) attacks.

## Migration to the New Crow Canyon NITRO Studio CDN

Crow Canyon NITRO Studio relies on a Content Delivery Network (CDN) to deliver resources efficiently and ensure optimal performance. The CDN used by NITRO Studio earlier (crowcanyon.azureedge.net), will be retired on January 15, 2025. More information on this is available [here](#). NITRO Studio has now moved to a new CDN (cdn.crowcanyon.com). To avoid service disruptions due to shutting down of old CDN, you must update NITRO Studio in your site collections. The update process will move the NITRO Studio code to use new CDN. There is no functionality change associated with this update; same content will be delivered from a different CDN.

This article provides step-by-step guidance on how to update NITRO Studio for your SharePoint sites.

## Steps required to update NITRO Studio

1. Review permissions and identify users who will run the NITRO Studio upgrade.
2. Get the list of site collections where NITRO Studio is installed.
3. Update NITRO Studio components in each of the site collections.
4. Update NITRO Studio in the NITRO activated sites:
  1. Update all sites in the site collection in one go
  2. Update sites one by one

By following the outlined steps, you can ensure a smooth transition to the new CDN and maintain uninterrupted access to NITRO Studio's features and functionality.

## Detailed Steps

### Step 1: Review Permissions and Identify Users Responsible for Running the NITRO Studio Upgrade

The table provides a summary of the different user roles and their corresponding access levels to site collections within the NITRO Admin page in Crow Canyon.

<b>Role</b>	<b>Access to Site Collection from NITRO Admin Page</b>
<b>Site Collection Administrator (SCA)</b>	Can access the NITRO Admin page and view all site collections with NITRO activated.
<b>Tenant Administrator (Not SCA)</b>	Cannot access specific site collections unless they are also a Site Collection Administrator.
<b>Other Users (Non-SCA/Non-Tenant Admin)</b>	Cannot access the NITRO Admin page or site collections unless explicitly granted access to the site collection.
<b>Site Owner</b>	Cannot view NITRO admin page for the site collection. Site Owners can access the NITRO site page of the respective site. Site Owner can manage and update NITRO for their specific site.

To identify the Site Collection Administrator (SCA), check the SharePoint Admin Center or access a page within the site collection, such as the Site Admin Page.

To identify the Site Collection Administrator (SCA), follow these steps:

**Open the SharePoint Site -> Site contents -> Site Settings -> Crow Canyon NITRO Apps -> Site Permissions in left panel -> Site Collection Administrators in ribbon**

Site Contents

Site Settings

Site Permissions

NITRO Site Settings

RESOURCES

NITRO Workshops

Live monthly training sessions

BROWSE

PERMISSIONS

Grant Permissions

Grant

Create Group

Modify

Edit User Permissions

Modify

Remove User Permissions

Modify

Check Permissions

Check

Permission Levels

Manage

Access Request Settings

Manage

Site Collection Administrators

Manage

Site Collection Administrators

Site Collection Administrators

Site Collection Administrators are given full control over all Web sites in the site collection. They may also receive site use confirmation mail. Enter users separated by semicolons.

CCSales Demo x James Restivo x John Smith x

OK

Cancel

Alternatively, you can directly open the Site Admin Page by navigating to the following URL:

**`https://<yourdomain>.sharepoint.com/sites/<yoursite>/_layouts/15/mngsiteadmin.aspx`**

Replace <yourdomain> and <yoursite> with the domain and site collection name.

## Step 2: Get the list of site collections where NITRO Studio is installed

To view the list of site collections where NITRO Studio is installed, go to the **Subscription Details** section on the NITRO Admin page. Follow these steps to navigate:

Navigate to the Site -> Site Settings -> Crow Canyon NITRO Apps -> NITRO Admin Home -> Subscription Details

The screenshot shows the NITRO Studio Admin interface. At the top is a blue banner with the NITRO Studio logo and the tagline "Placing the power in your hands!". Below the banner, there are links for "NITRO Applications" and "NITRO AI Services". The main content area is titled "Crow Canyon Demo Sites" and includes links for "MANAGE MULTIPLE SITES" and "UPDATE ALL ACTIVATED SITES". On the left, there is a sidebar with a "SUBSCRIPTION" section containing links for "ENTERPRISE SUBSCRIPTION" (500 Site(s)), "NITRO APPLICATION SUBSCRIPTION" (24 Site(s)), "SUBSCRIPTION DETAILS" (highlighted with a red arrow), "LATEST VERSION: V2.6.0.0", "ADD SUBSCRIPTION", and "Site Permissions". The "SUBSCRIPTION DETAILS" link is highlighted with a red arrow. The main content area displays a table of site collections under the heading "ALL SITES". The table has columns for site name, path, manage link, version, and a refresh icon.

Crow Canyon Demo Sites				
MANAGE MULTIPLE SITES   UPDATE ALL ACTIVATED SITES				
search sites <input type="text"/> All Sites <input type="button" value="v"/>				
	ASSETS	/sites/demo6/Assets	Manage	v. 2.5.19.0
	CMMS	/sites/demo6/CMMS	Manage	v. 2.0.0.85
	CMMSDEMO	/sites/demo6/CMMSDemo	Manage	v. 2.5.48.0
	CONTRACT	/sites/demo6/Contract	Manage	v. 2.5.8.0
	CROW CANYON DEMO SITES	/sites/demo6	Manage	v. 2.5.17.0
	CUSTOMERSERVICE	/sites/demo6/CustomerService	Manage	v. 2.5.30.0

The following window will appear where you can see all site collections:

Subscription Details

Current Site Collection

All Site Collections

NITRO Studio

NITRO Portal

NITRO Studio License Details

Tenancy

Export to Excel

Tenant	:	Type	:	Renewal Date	:	Active Sites	:
crowcanyonsystemsinc.sharepoint.com		Enterprise		06/29/2030		305 / 500	

Site Collections

Clear deleted site collections

Export to Excel

Search...

Drag a column header and drop it here to group by that column

Site Collection	:	Type	:	Renewal Date	:	Active Sites	:	Trial End Date	:	Trial Sites	:
ccsdev		Subscription		08/05/2019		1 / 1		01/25/2018		20 / 30	
nitro1		Subscription		12/30/2025		- / 12		11/18/2025		6 / 200	
demo2		Subscription		11/27/2017		-		11/27/2017		3 / 3	
trial1		Subscription		10/04/2025		16 / 100		10/21/2019		97 / 100	
demo3		Subscription		12/30/2500		12 / 20		01/05/2019		5 / 20	

Click '**Clear deleted site collections**' to remove any deleted site collections. After that, you will be able to view all site collections where NITRO Studio is activated.

### Step 3: Update NITRO Studio components in each of the site collections.

NITRO Admin Home page will show a message with a Setup button as shown below. If solutions are already up to date, then this button will not be shown. Clicking on the Setup button will install/update all the required components for the NITRO Studio.

NITRO STUDIO™

Crow Canyon Software

Admin Account

Site: Crow Canyon Systems, Inc.

NITRO Studio, placing the power in your hands

! Please click this button to setup/upgrade NITRO Studio.

Note: Setup process takes some time, please wait and refresh this page if you have already initiated the setup

Setup

NITRO Applications

NITRO AI Services

UPDATE ALL ACTIVATED SITES

MANAGE SITES

Crow Canyon Software

## Step 4: Update NITRO Studio in the NITRO activated sites:

### Available Options for Upgrading NITRO Studio

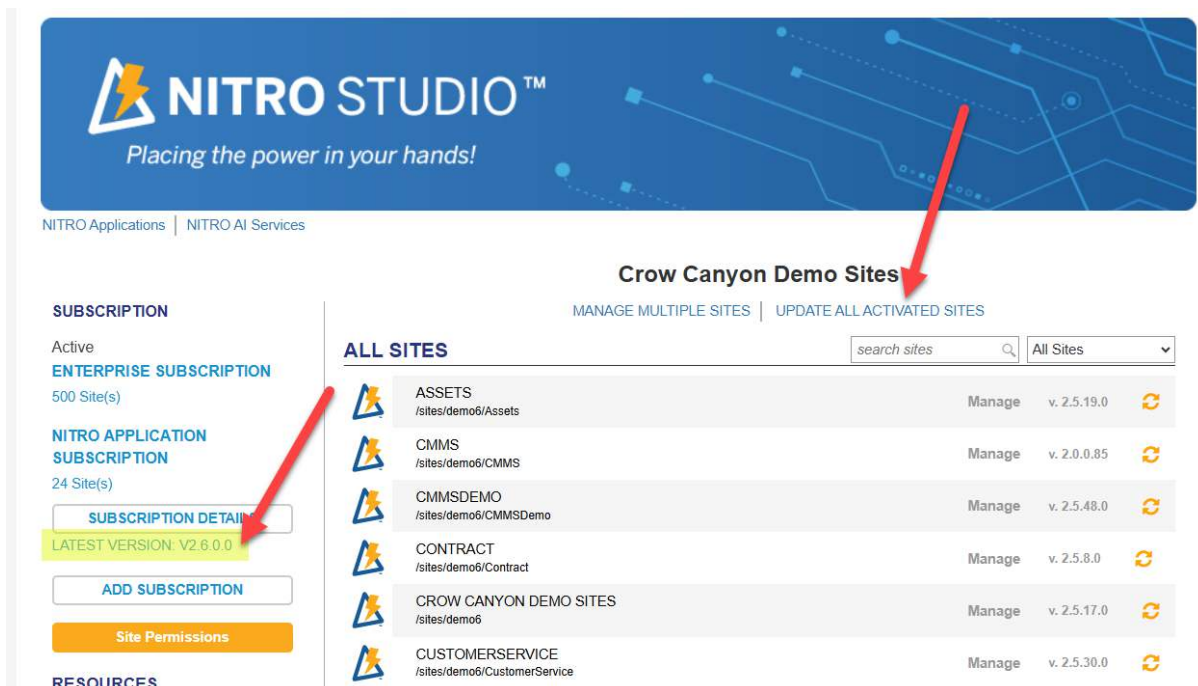
You can upgrade NITRO Studio using either of the following methods:

- **Update all sites in the site collection in one go:** Perform a bulk update for all sites where NITRO Studio is activated within a site collection.
- **Update an individual site:** Update NITRO Studio for a specific site.

### *Update all sites in the site collection in one go*

After completing the previous steps, upgrade NITRO Studio to the latest version in all activated sites. To do this, follow these steps:

Navigate to the Site -> Site Settings -> Crow Canyon NITRO Apps -> NITRO Admin Home -> Click Update All Activated Sites



The screenshot shows the NITRO Studio Admin Home page. The header features the NITRO Studio logo and tagline "Placing the power in your hands!". Below the header, there are navigation links for "NITRO Applications" and "NITRO AI Services". The main content area is titled "Crow Canyon Demo Sites" and includes a link to "UPDATE ALL ACTIVATED SITES". A red arrow points to this link. On the left sidebar, under "SUBSCRIPTION", there is a section for "ENTERPRISE SUBSCRIPTION" with a link to "SUBSCRIPTION DETAILS" and a highlighted "LATEST VERSION: V2.6.0.0". Another red arrow points to this link. The main content area also displays a table of sites with columns for site name, version, and a refresh icon.

Site Name	Version	Refresh Icon
ASSETS /sites/demo6/Assets	v. 2.5.19.0	🔄
CMMS /sites/demo6/CMMS	v. 2.0.0.85	🔄
CMMSDEMO /sites/demo6/CMMSDemo	v. 2.5.48.0	🔄
CONTRACT /sites/demo6/Contract	v. 2.5.8.0	🔄
CROW CANYON DEMO SITES /sites/demo6	v. 2.5.17.0	🔄
CUSTOMERSERVICE /sites/demo6/CustomerService	v. 2.5.30.0	🔄

On the NITRO Admin Home page, click the '**Update All Activated Sites**' link to update all activated sites within the site collection.

A pop-up window will appear—click '**Ok**' to proceed with updating NITRO in the activated sites. The update will take some time depending on the number of sites and their current configurations.

## Update NITRO in Activated Sites

26 sites in this site collection require NITRO CDN URL update.

CDN update will take about 13 hour(s). You can continue to use the sites while this update is running.

**Please do not interrupt the update process once it has begun.**

Number of activated sites: **26**

Number of sites to update: **26**

Note: After this upgrade, below additional steps are required in one or more sites depending on their current NITRO version.

- v. 2.5.38.0: If custom theme is used in NITRO Forms in any list, open the forms designer and edit and resave the theme. After that publish the NITRO forms.

Please click Ok to update NITRO in sites.

Ok

Cancel

### *Update sites one by one*

Users have the option to upgrade sites individually. It involves three steps

- **Navigate to the specific site**
- **Upgrading NITRO Components**
- **Updating to the Latest Version of NITRO Studio**

#### 1. Navigate to site

To navigate to the NITRO Studio page of the site you wish to update, follow these steps:

If you have access to NITRO Studio admin page, search the site in the listing and click 'Manage' button.

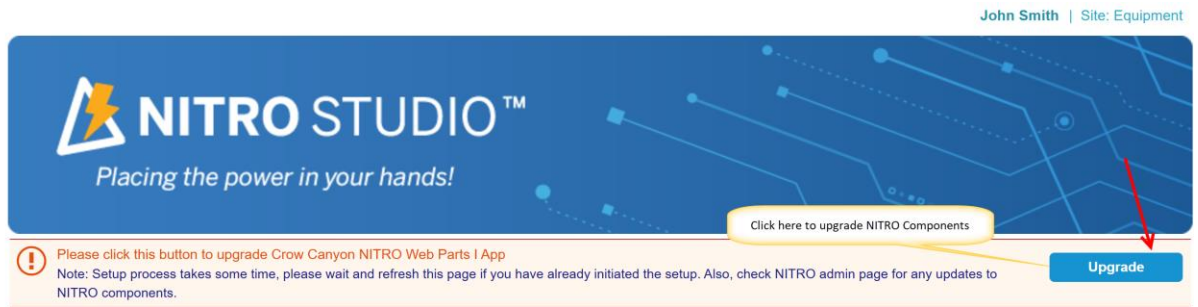
Alternatively, open the SharePoint site where you want to update NITRO Studio -> Click the gear icon (⚙) in the top-right corner and select **Site Contents** from the dropdown menu -> Select Site Settings in ribbon -> Under the **Site Administration** section, click **Crow Canyon NITRO Apps**

#### 2. Upgrading NITRO Components

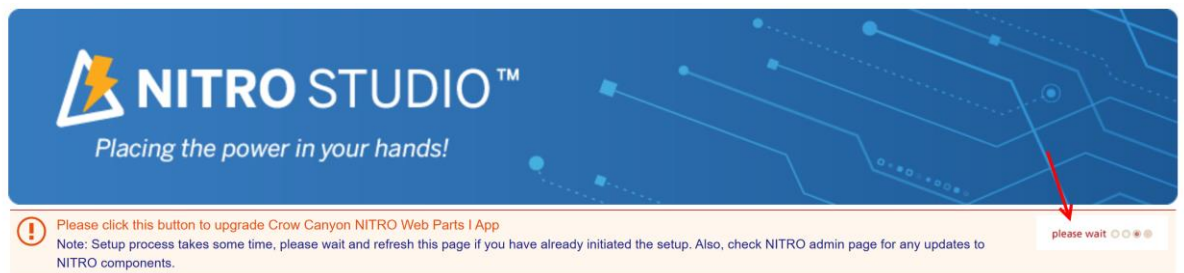
Next step is to upgrade the NITRO Components. For this, follow these steps:

To upgrade the NITRO components, click the '**Upgrade**' button located at the top right of the NITRO Studio homepage.





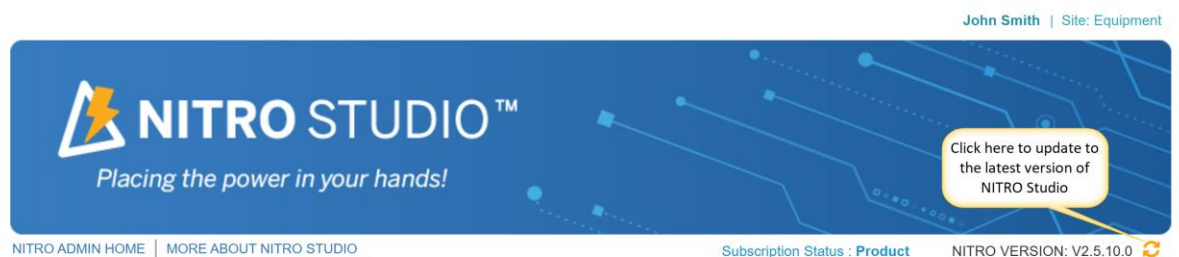
The setup process may take some time. A notification will appear, letting you know that the upgrade is in progress.



### 3. Updating to the Latest Version of NITRO Studio

After completing the steps outlined in **Step 2**, follow these instructions to update to the latest version of NITRO Studio:

Locate the '**Update**' button which will be available on the same page where you upgraded the NITRO components.



A pop-up window will appear to confirm the update. Click '**Ok**' to proceed with the update process.



## Update NITRO Apps

This site requires NITRO CDN URL update.

This update will take 30-40 minutes. You can continue to use the site while this update is running.

Please do not interrupt the update process once it has begun.

Please confirm update NITRO in site

Installed version: v2.5.19.0

Available version: **v2.6.0.0**

Note: Below additional steps are required after this upgrade.

- If custom theme is used in NITRO Forms in any list, open the forms designer and edit and resave the theme. After that publish the NITRO forms.



A Successful message will be displayed as shown below.

## Update NITRO Apps

Updating NITRO in Site

NITRO Apps updated successfully



Ok

By following these steps, NITRO Studio will be updated to the latest version. Be sure to monitor the update process and confirm that the version has been successfully updated.