

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.

Role	Access to Site Collection from NITRO Admin Page
Site Collection Administrator (SCA)	Can access the NITRO Admin page and view all site collections with NITRO activated.
Tenant Administrator (Not SCA)	Cannot access specific site collections unless they are also a Site Collection Administrator.
Other Users (Non-SCA/Non-Tenant Admin)	Cannot access the NITRO Admin page or site collections unless explicitly granted access to the site collection.
Site Owner	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	 Edit User Permissions Modify	 Remove User Permissions Modify	 Check Permissions Check	 Permission Levels Manage	 Access Request Settings Manage	 Site Collection Administrators Manage 
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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:

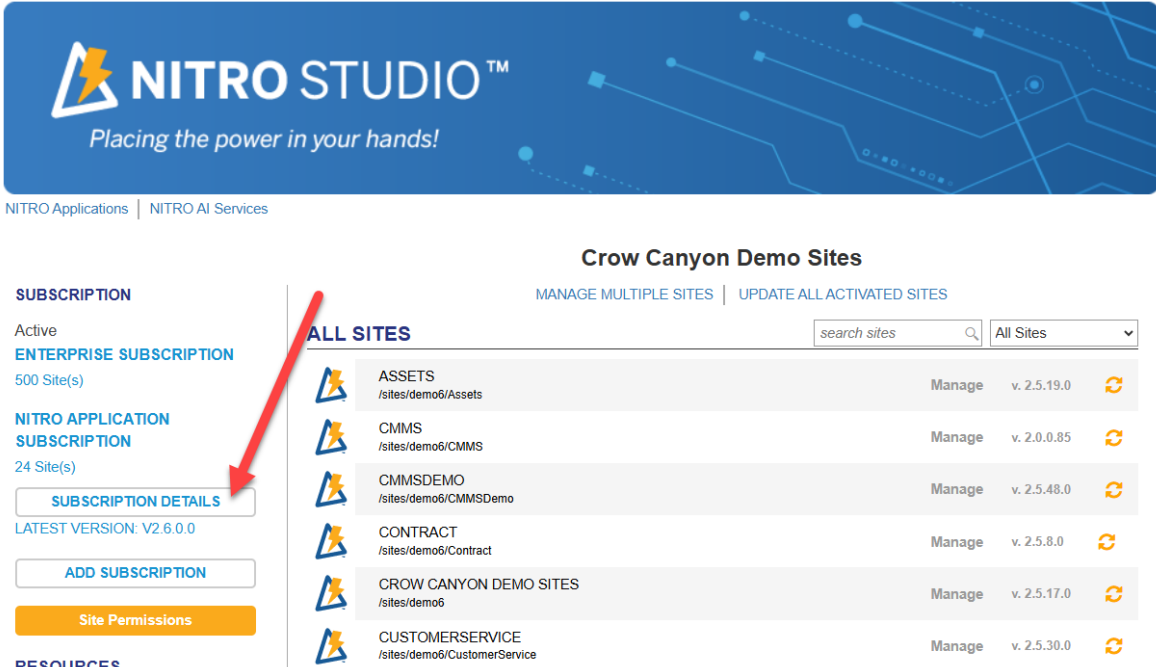
https://<yourdomain>.sharepoint.com/sites/<yoursite>/_layouts/15/mngsiteadmin.aspx

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 displays the NITRO Studio Admin interface. At the top, there is a blue banner with the NITRO Studio logo and the tagline "Placing the power in your hands!". Below the banner, the page is titled "Crow Canyon Demo Sites" and includes links for "MANAGE MULTIPLE SITES" and "UPDATE ALL ACTIVATED SITES". A search bar and a dropdown menu are visible. The main content area shows a list of site collections under the heading "ALL SITES". The left sidebar contains a "SUBSCRIPTION" section with buttons for "ENTERPRISE SUBSCRIPTION", "NITRO APPLICATION SUBSCRIPTION", "SUBSCRIPTION DETAILS" (highlighted with a red arrow), "ADD SUBSCRIPTION", and "Site Permissions".

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

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

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

Clear deleted site collections

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

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 displays the NITRO Studio Admin Home interface. At the top, there is a blue header with the NITRO Studio logo and the tagline "Placing the power in your hands!". Below the header, the page is titled "Crow Canyon Demo Sites" and includes navigation links for "MANAGE MULTIPLE SITES" and "UPDATE ALL ACTIVATED SITES".

On the left side, there is a "SUBSCRIPTION" section. It shows the subscription is "Active" and "ENTERPRISE SUBSCRIPTION" for "500 Site(s)". Below this, it lists the "NITRO APPLICATION SUBSCRIPTION" for "24 Site(s)". A "SUBSCRIPTION DETAILS" button is highlighted, and below it, the text "LATEST VERSION: V2.6.0.0" is displayed. There are also "ADD SUBSCRIPTION" and "Site Permissions" buttons.

On the right side, there is an "ALL SITES" table. The table has a search bar and a dropdown menu set to "All Sites". The table lists several sites with their respective versions and a "Manage" button. A red arrow points to the "UPDATE ALL ACTIVATED SITES" link in the top right, and another red arrow points to the "LATEST VERSION: V2.6.0.0" text in the subscription details.

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

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 screenshot shows the NITRO STUDIO header with the logo and tagline "Placing the power in your hands!". Below the header, there is a callout box that says "Click here to upgrade NITRO Components" with a yellow arrow pointing to a blue "Upgrade" button. To the left of the button, there is a warning icon and text: "Please click this button to upgrade Crow Canyon NITRO Web Parts I App. Note: Setup process takes some time, please wait and refresh this page if you have already initiated the setup. Also, check NITRO admin page for any updates to NITRO components."

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

This screenshot is identical to the previous one, but the "Upgrade" button has been replaced by a "please wait" notification with a progress indicator consisting of four circles, the second of which is filled.

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.

The screenshot shows the NITRO STUDIO header. A callout box says "Click here to update to the latest version of NITRO Studio" with a yellow arrow pointing to a blue "Update" button. At the bottom of the page, there is a navigation bar with "NITRO ADMIN HOME | MORE ABOUT NITRO STUDIO" on the left, "Subscription Status : Product" in the center, and "NITRO VERSION: V2.5.10.0" with a refresh icon on the right.

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.