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Custom Report Instructions



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Auto-generated at January 7, 2026



CloudBlue Connect allows creating reports based on your custom templates. Such templates should be created by following the Connect Reports SDK guidelines. It is required to upload custom templates to a Git repository and assign a specific release tag. Thereafter, your repository can be linked with the system via the Reports section of the Account module.

The following showcases how to prepare your template files and provides step-by-step instructions on how to prepare your Git repository, how to add your Git repository to Connect, and how to successfully generate a report by using a custom template.

Preparing Template Files

Follow the Connect Reports SDK guidelines to successfully create your custom report template. Namely, prepare your report template by following the provided steps:

1. First, report template files should be generated by using the provided Cookiecutter framework.
2. Your **report.json** file should contain required report template parameters. Refer to the Report Parameters table for more details.
3. The **entrypoint.py** file should contain your *report generate* code. Use the RQL client or string concatenation to successfully prepare your entrypoint file.
4. When all required data is presented, you can generate your report template by executing the corresponding command via Connect CLI.

Therefore, in case your report template is generated successfully, you can upload your report template files to your Git repository. Note that in order to use your custom templates on the Connect platform, your repository should have a version tag. Prepare your Git repository as described below.

Preparing Repository

Before adding your Git repository to Connect and starting to use your custom template within the system, it is required to make sure that your repository includes at least one version tag. Otherwise, your repository will not be added to the system. The following steps demonstrate how to create a new release and prepare your repository on GitHub:



Releases

Tags

v1.0










Target: main

Excellent! This tag will be created from the target when you publish this release.

Custom templates

Write

Preview

H B I         

+ Auto-generate release notes

Mighty Mick's custom templates for the CloudBlue Connect platform

Attach files by dragging & dropping, selecting or pasting them.

↓

 Attach binaries by dropping them here or selecting them.

☒ This is a pre-release

We'll point out that this release is identified as non-production ready.

Publish release

Save draft

Tagging suggestions

It's common practice to prefix your version names with the letter v. Some good tag names might be v1.0.0 or v2.3.4.

If the tag isn't meant for production use, add a pre-release version after the version name. Some good pre-release versions might be v0.2.0-alpha or v5.9-beta.3.

Semantic versioning

If you're new to releasing software, we highly recommend reading about semantic versioning.

1. Click **Create a new release** from your repository with a custom template.
2. Use the following form to define your release:
 - *Select Tag*: It is recommended to use a version tag with the *v* prefix (e.g., *v1.0.0* or *v0.2.3*)
 - *Release title*: Enter any title for your release.
 - *Description*: Provide description for your new release.
3. Publish your release by using the corresponding button on the interface.

Thus, a new version tag of your custom template will be created and your repository will be successfully configured for the following operations. In case more information on managing your releases is required, please refer to the [GitHub documentation](#).

Adding Repository

Once your Git repository includes at least one release with your custom templates and a version tag, it is possible to add this repository to the Connect platform. Navigate through the *Accounts* module on Connect and access the *Reports* section that provides available templates and repositories. Switch to the *Repositories* tab and click **Add Repository** to launch a wizard.

Follow the wizard steps to add your Git repository to the system:



CloudBlue

Account

HELP

Mighty Mick's LLC
Distributor • Michael Goldmill

Account

- General
- Users
- Groups
- Contacts
- Links
- Contracts
- Helpdesk
- Email
- Branding
- Reports
- Single Sign On
- Service Levels

Reports

TEMPLATES

REPOSITORIES

+ ADD REPOSITORY

REFRESH FILTER SORT COLUMNS

Rows per page 10 1--1 of 1

REPOSITORY	TEMPL...	STATS	UPDATED	STATUS
Connect Reports System RR-8419-1585 • https://github.com/cloudblue...	16	Month 63 Total 762	05/05/2022 7:54 AM	Ready

Rows per page 10 1--1 of 1



CloudBlue

Account

HELP

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Account

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Reports

TEMPLATES

REPOSITORIES

+ ADD REPOSITORY

10 1--1 of 1

STATUS

Ready

10 1--1 of 1

Add repository – Step 1

1 Repository

2 Tag

3 Summary

Repository settings

New report templates are added to the system by registering Git repository that contains them in the system. Such repository is required to contain at least one tag. Such tag must be explicitly selected at the second step of this wizard.

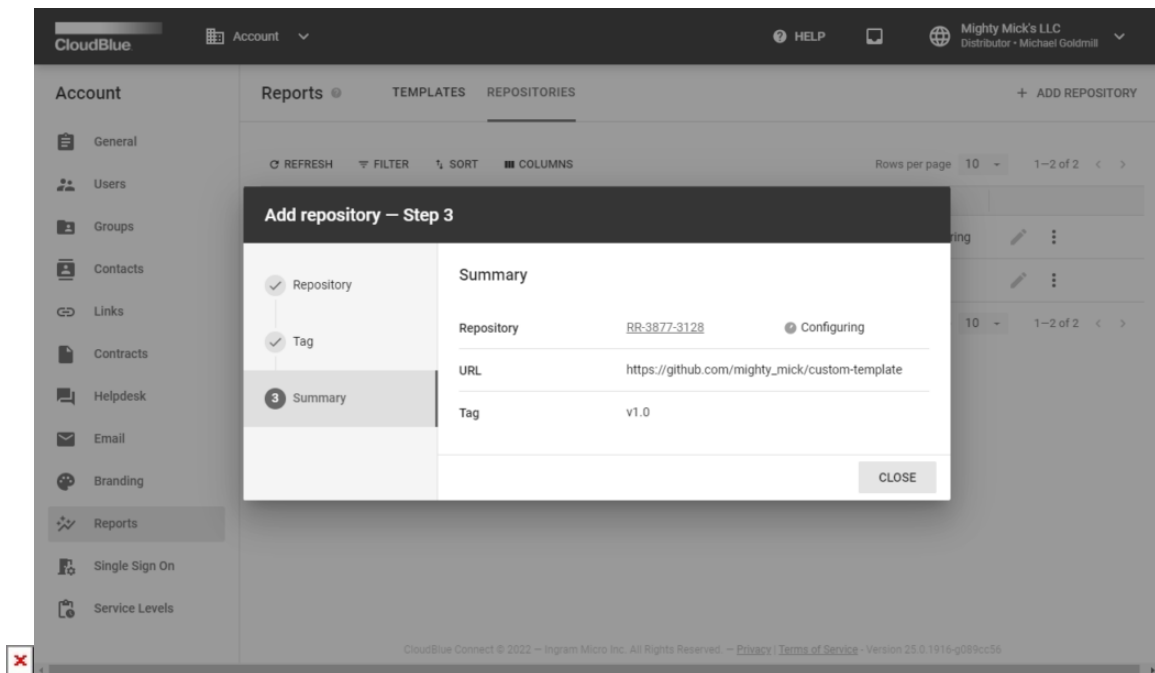
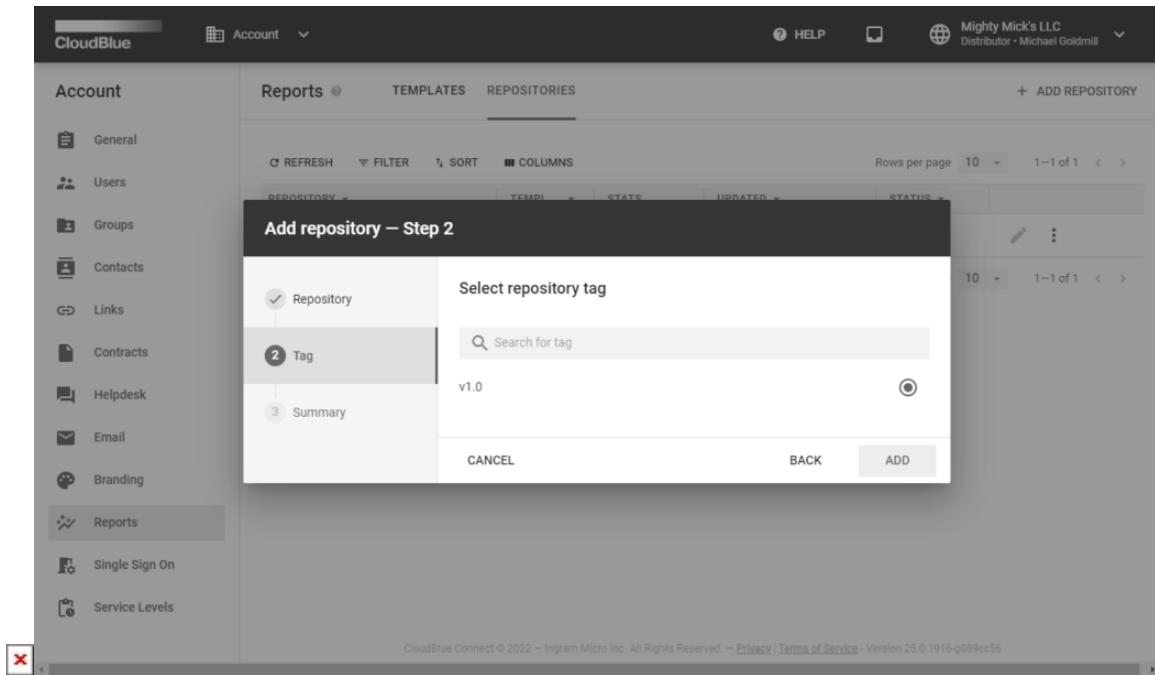
To learn more, please read our documentation .


Git Repository URL *
https://github.com/mighty_mick/custom-templates.git

☐ Requires authorization

CANCEL NEXT







CloudBlue		Account	HELP	Mighty Mick's LLC Distributor • Michael Goldmill
Account		Reports	TEMPLATES	REPOSITORIES
General		+ ADD REPOSITORY		
Users				
Groups				
Contacts				
Links				
Contracts				
Helpdesk				
Email				
Branding				
Reports				
Single Sign On				
Service Levels				

REFRESH		FILTER		SORT		COLUMNS		Rows per page	10	1--2 of 2
REPOSITORY	TEMPL...	STATS		UPDATED		STATUS				
Connect Reports RR-8419-1585 • https://github.com/cloudblue/c...	16	Month	Total	05/06/2022 5:00 AM		Ready				
Custom Template RR-2511-8462 • https://github.com/mighty_mic...	1	Month	Total	05/06/2022 6:34 AM		Ready				
								Rows per page		10
										1--2 of 2

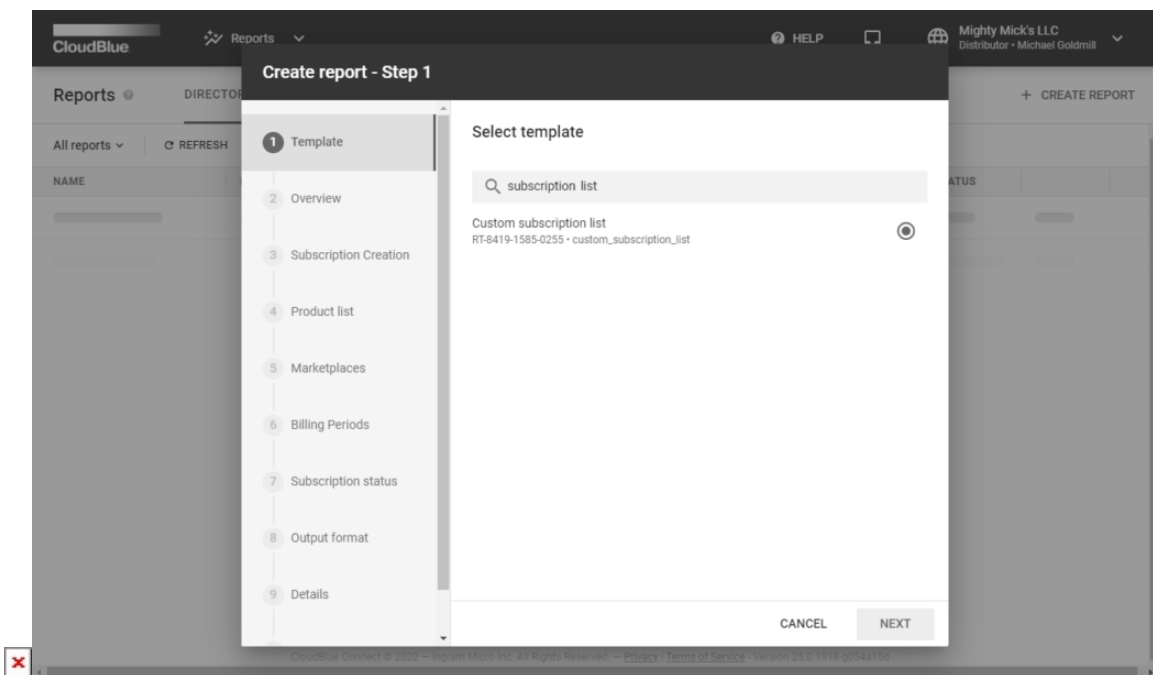
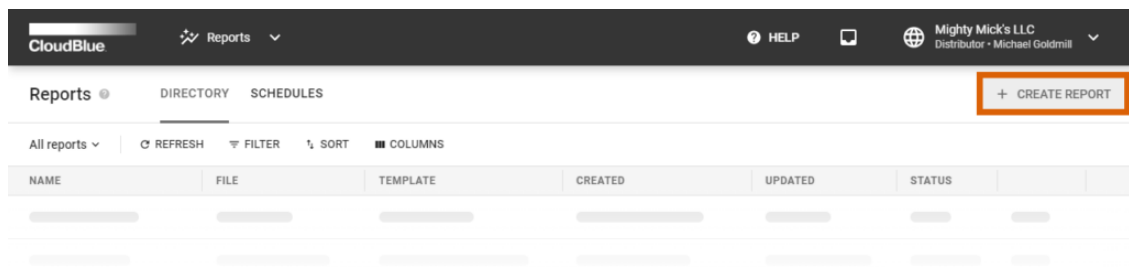
1. Provide your repository link to the *Git Repository URL* input field. In case your repository requires authorization, check the *Requires Authorization* checkbox to specify your username and password.
2. Select a version tag in the following form. If the system does not provide any tags, make sure that your repository includes a version tag as described above.
3. Click the **Add** button to finalize your repository configuration on Connect.

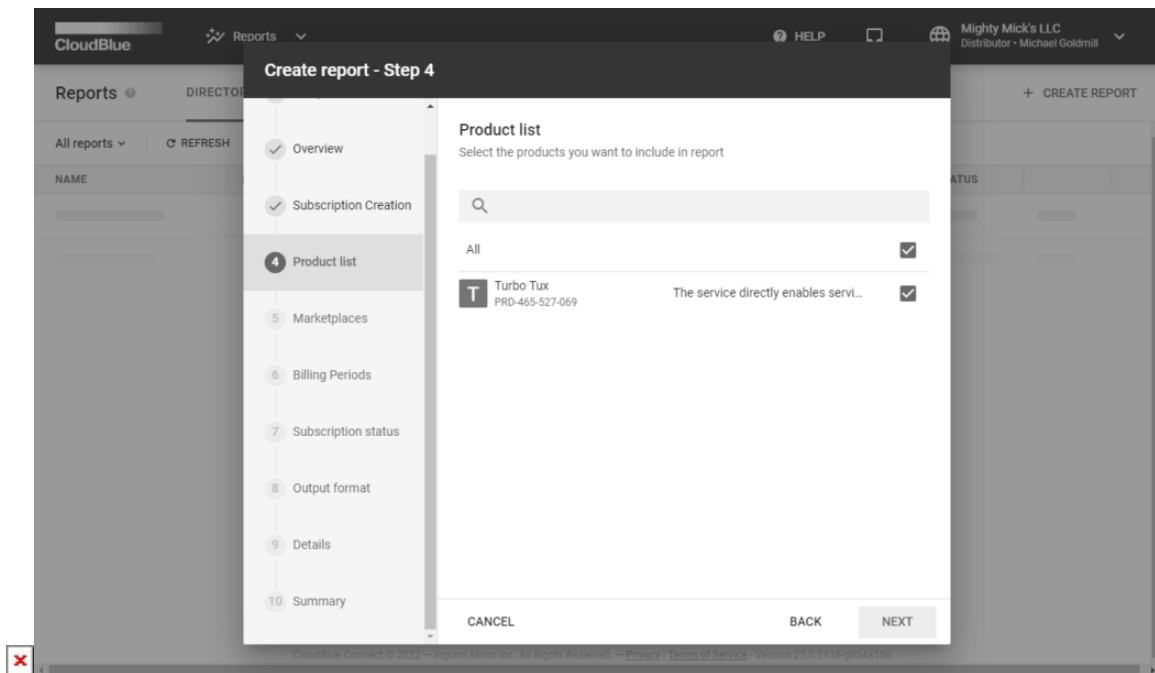
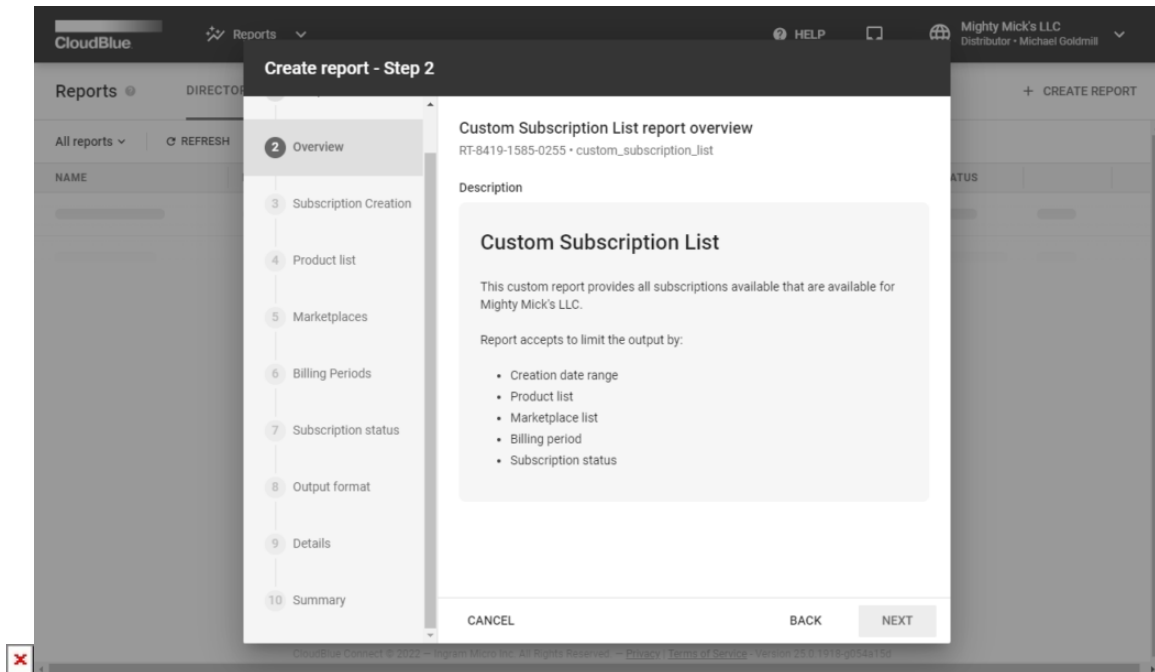
Therefore, the system starts adding your Git repository. Note that the system provides a status of your repository. Once the status of your repository object is switched to *Ready*, the system will successfully add your custom templates and will allow generating reports by using these templates. In case of an error, the system provides an error description within your repository details and conversation box.

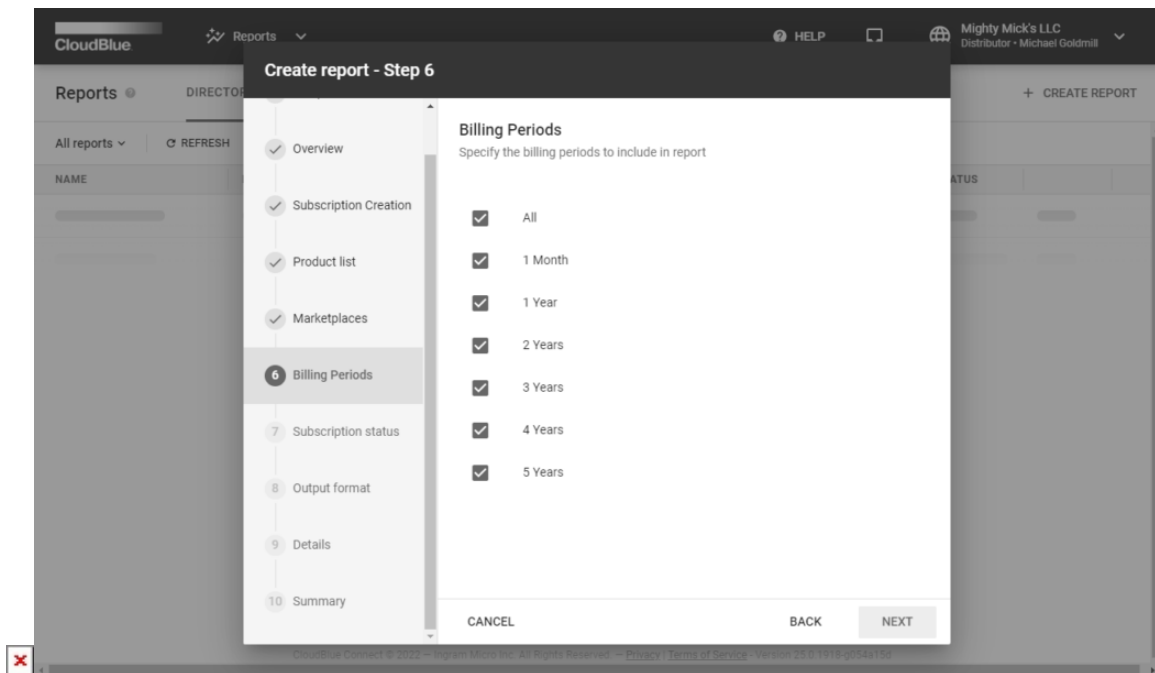
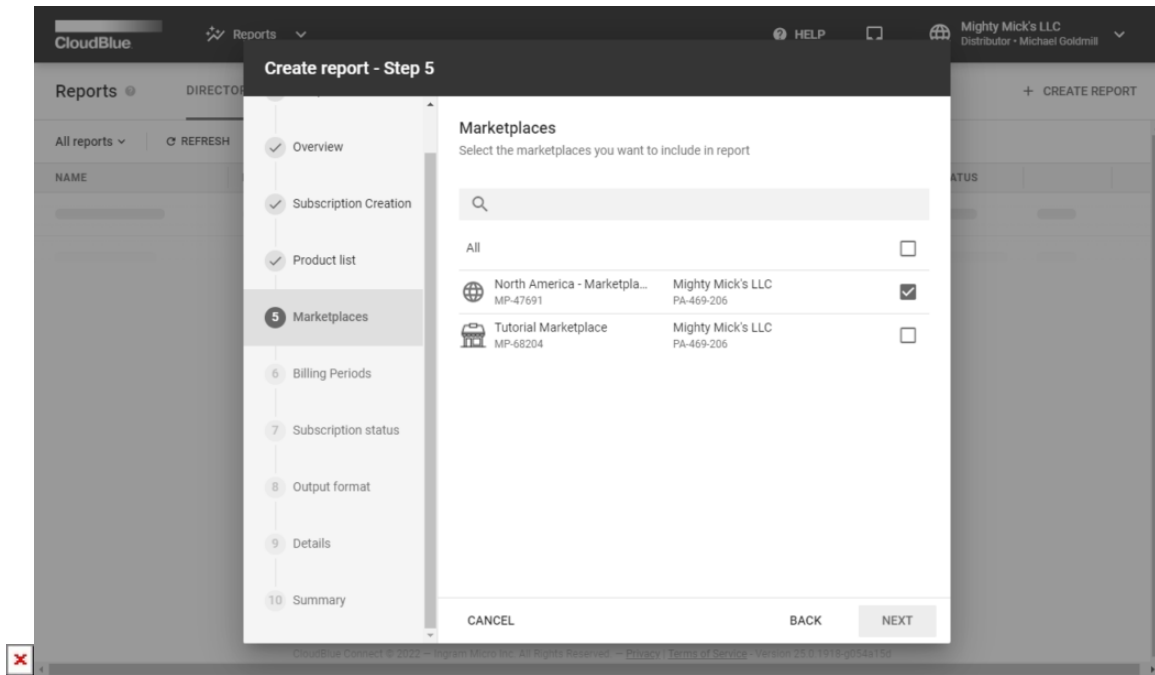
Generating Custom Reports

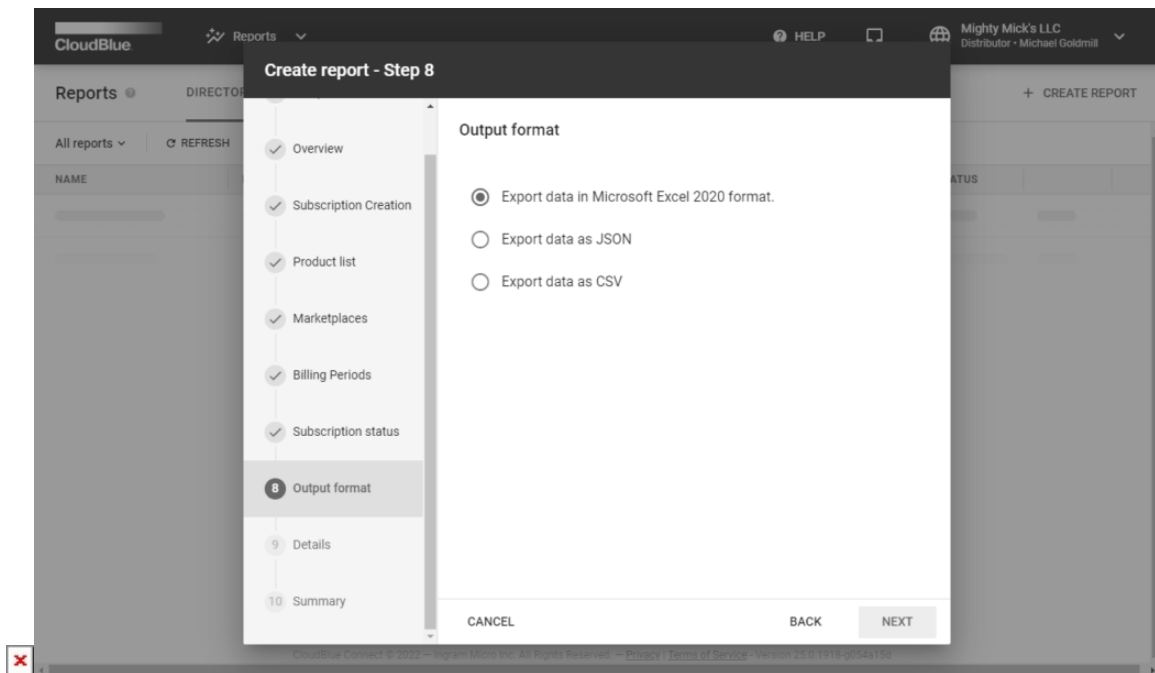
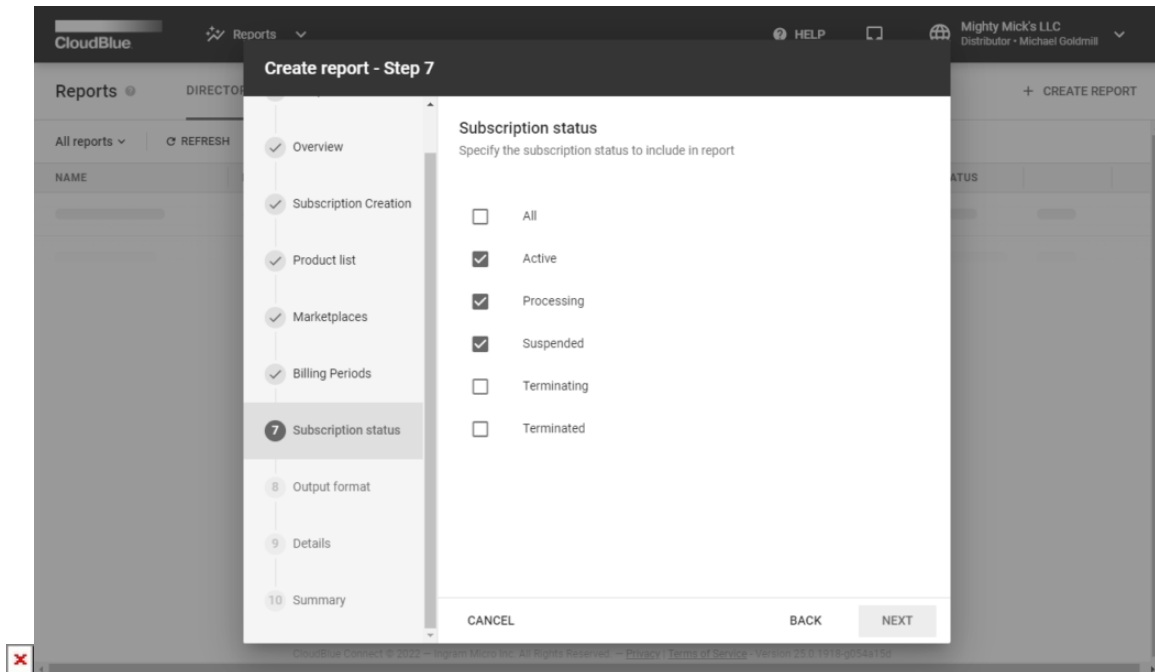
When your custom reports are successfully uploaded to Connect, the system allows generating reports by using the reports creation wizard in the Reports module. Note that the number of wizard steps vary depending on your created template.

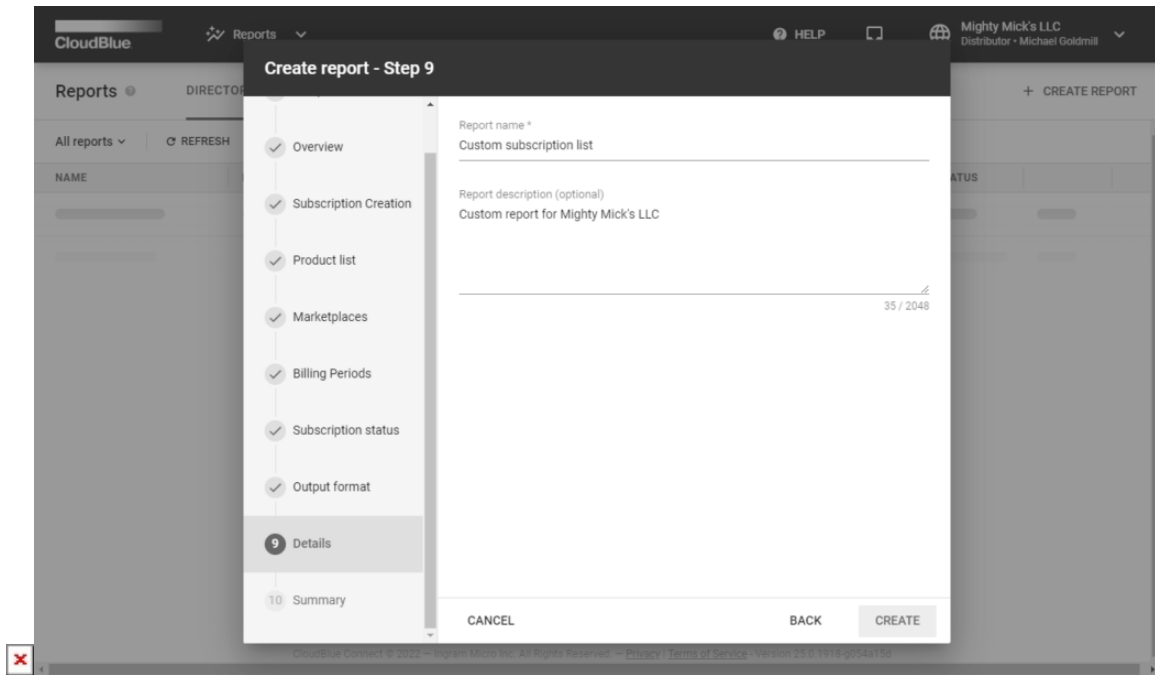
The following showcases how to create a new Connect report based on a custom template:











CloudBlue

Reports

HELP

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+ CREATE REPORT

Reports

DIRECTORY

All reports

REFRESH

NAME

Custom subscription list
RP-893-743-472

Custom subscription list
RP-893-743-472

Overview

Subscription Creation

Product list

Marketplaces

Billing Periods

Subscription status

Output format

9 Details

10 Summary

Report name *

Custom subscription list

Report description (optional)

Custom report for Mighty Mick's LLC

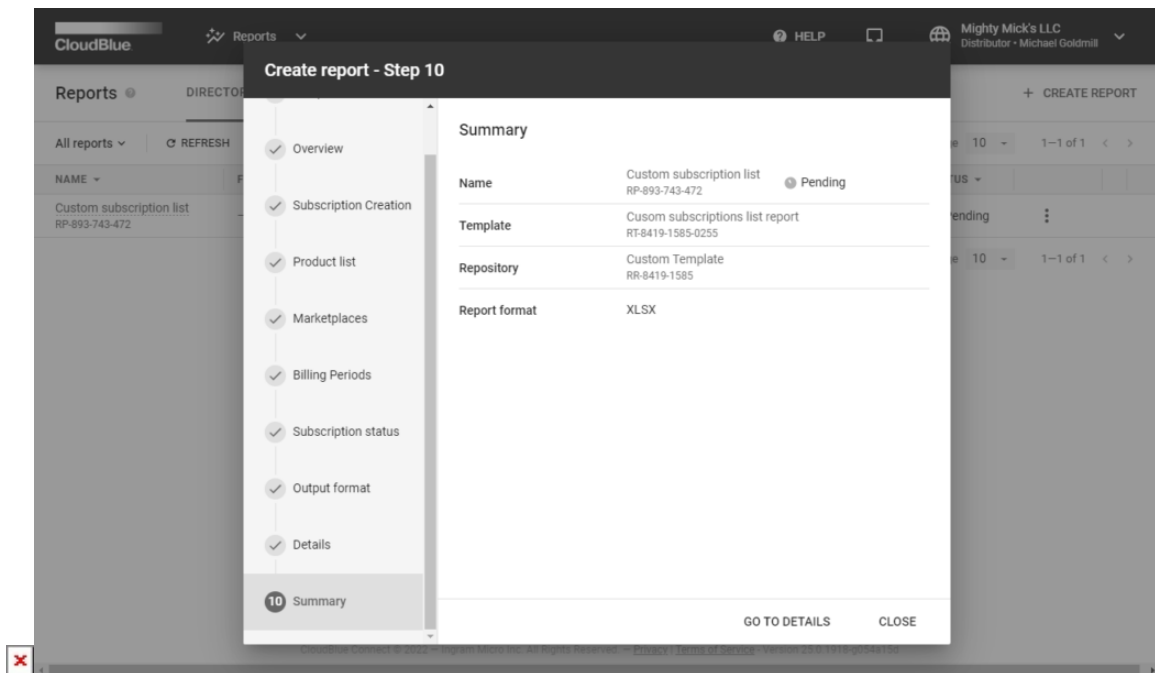
35 / 2048

CANCEL

BACK

CREATE

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CloudBlue

Reports

HELP

Mighty Mick's LLC
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+ CREATE REPORT

Reports

DIRECTORY

All reports

REFRESH

NAME

Custom subscription list
RP-893-743-472

Custom subscription list
RP-893-743-472

Overview

Subscription Creation

Product list

Marketplaces

Billing Periods

Subscription status

Output format

Details

10 Summary

Summary

Name

Custom subscription list
RP-893-743-472

Pending

Template

Custom subscriptions list report
RT-8419-1585-0255

Repository

Custom Template
RR-8419-1585

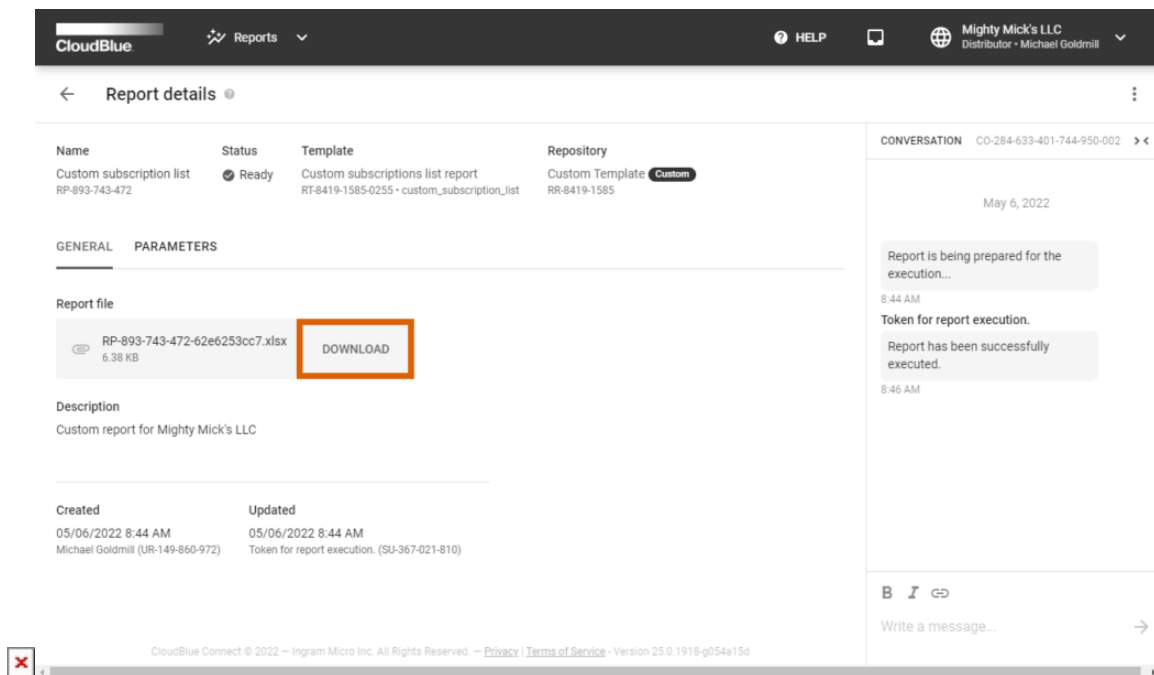
Report format

XLSX

GO TO DETAILS

CLOSE

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The screenshot displays the 'Report details' page in the CloudBlue interface. At the top, the header includes the CloudBlue logo, a 'Reports' dropdown, a 'HELP' icon, and a user profile for 'Mighty Mick's LLC'. The main content area is divided into two sections: 'GENERAL' and 'PARAMETERS'. The 'GENERAL' section shows the report's name, status (Ready), template, and repository. The 'PARAMETERS' section shows the report file, description, and creation/update timestamps. A 'DOWNLOAD' button is highlighted with an orange box. On the right, a chat window shows a conversation about the report's execution status.

1. Launch the aforementioned wizard by clicking the **Create Report** button from the *Reports* module.
2. Select your custom template on the first wizard step. Use the the search input to locate your uploaded template faster.
3. Next, the wizard provides your created overview and your defined configuration options on the following steps. Keep providing configuration specifications as it is required for your report.
4. Once all of your custom report template options are specified, the wizard asks to select an output for your report. It is possible to generate a report in XLSX, JSON, or CSV format.
5. When the wizard asks to specify your report details, it is required to provide a name for your report object on Connect. It is also possible to specify your report description if necessary.
6. Finalize your report creation by clicking the **Create** button.

As a result, the system generates a new custom report object and assigns *the Pending* status to this object. Once the status of your report object will be switched to *Ready*, the system allows downloading the report file by clicking on your file from the *Reports* data grid and by using the **Download** button from the *Report details* screen.

Note that the system also allows using your custom templates to configure schedules for your reports creation. Refer to Reports Interface documentation for more details.