



# Developer Portal

## User Guide

Version 1.1



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# Chapter 1. Introduction

Nexusguard Developer Portal is part of the future of the DDoS protection and mitigation services as Nexusguard sees it. We envision a future where features and functionalities are modularized and scalable; where partners would utilize our API resources to integrate what we offer into the user experience they provide; where third-party developers would use our API resources to extend what we offer by bringing new things to the platform and share our user base; where customer wins because they can enjoy the products of Nexusguard, Nexusguard Partners, and Nexusguard affiliated developers.

Nexusguard Developer Portal is the gateway to the future we envision. It is above all two things. Firstly, it is the knowledge center of Nexusguard API. All API related resources, API docs, quick start guide, code samples, etc., are hosted here. It is essential to understanding and utilizing our APIs.

Secondly, the Developer Portal is an app life-cycle management system. This is the place to get your API credentials, add your app to the system, publish it for approval, and make it available for the end users. Your app lives and thrives here.

## Browser Support

Nexusguard Developer Portal supports the following browsers:

1. Firefox v3.0 and above
2. Google Chrome v1.0 and above

## The Interface

This section guides you through the interface of the Developer Portal.

### Logging In

To log in to the Developer Portal, direct your browser of choice to <https://developer.nexusguard.com> and use the **LOGIN** link to display the login page. Use your account with Admin or Customer Portal to access Nexusguard Developer Portal.

Input your username and password and click **Sign in**.

**Note:** Selecting the **Remember me** option would make it easier for you to login by automatically filling in your username. However, it also makes it that much less secure.

### Navigating Nexusguard Developer Portal

Nexusguard Developer Portal has three sections:

Home – Landing page of the portal.

Resources – Documentation and other resources related to app development.

Management – App life-cycle management.

There is also a User Center accessible by clicking the current username. It lists information about the current user.

# Chapter 2. Management

This section provides detailed instructions on how to use the app life-cycle management part of the Developer Portal.

Management section is only visible after a user has signed in.

The screenshot shows the Nexusguard Management interface. At the top left is the logo for NEXUSGUARD DEVELOPER PLATFORM. Navigation links for Home, Resources, and Management are present, with Management being the active page. A user profile icon labeled 'demo' is in the top right. Below the navigation is a sub-header with 'Nexusguard App' and 'SPE App'. A 'Create App' button is on the left, and a notification box indicates 'You can create 9 more Nexusguard apps'. The main content is a table with columns 'App', 'Status', and 'Operation'. The table contains one row for 'Demo App' with a status of 'Created' and edit/delete icons in the 'Operation' column.

App	Status	Operation
 Demo App	Created	 

This landing page of the management section lists all the Nexusguard apps under the current user. Generally speaking, Nexusguard Apps are app created by developers to extend the capabilities of or bring new features to the portals.

## Nexusguard App

Nexusguard are created to extend the capabilities of, or bring new features to Nexusguard portals. Each account can create up to 10 Nexusguard apps. Created apps are listed on the landing page.

This screenshot is similar to the previous one but shows a different state. The 'Create App' button is still present, but the notification box now says 'You can create 8 more Nexusguard apps'. The table below still shows the 'Demo App' with a status of 'Created' and edit/delete icons.

App	Status	Operation
 Demo App	Created	 

## App Life Cycle

Before getting into the details of creating apps, let's first take a look at the life cycle of a Nexusguard App. A Nexusguard App can go through the following stages during its lifetime in the Developer Portal:

**Created** – The app is submitted in the portal, or the app is rejected but the developer has made subsequent changes to app information.

**Published** – The developer has agreed to the Nexusguard Developer Portal Terms of Service and published the app for review by administrators.

**Approved** – The app has been determined to meet Nexusguard App standards and is now ready for users. An approved app's information can no longer be edited. If changes are necessary, contact Nexusguard Developer Portal administrators.

**Rejected** – The app does not meet Nexusguard App standards. Make necessary modifications and publish it again for approval.

**Disabled** – The app is taken offline by the administrators, at the request of its developer or has been determined not to meet the Nexusguard App standards after it's approved.

**Offline** – The app is taken offline by the developer, for reasons such as maintenance. The developer is free to take the app back online whenever he or she deems fit.

## Creating a Nexusguard App

To create a Nexusguard App,

1. Click **Create App**. The **Fill in the information** page displays.

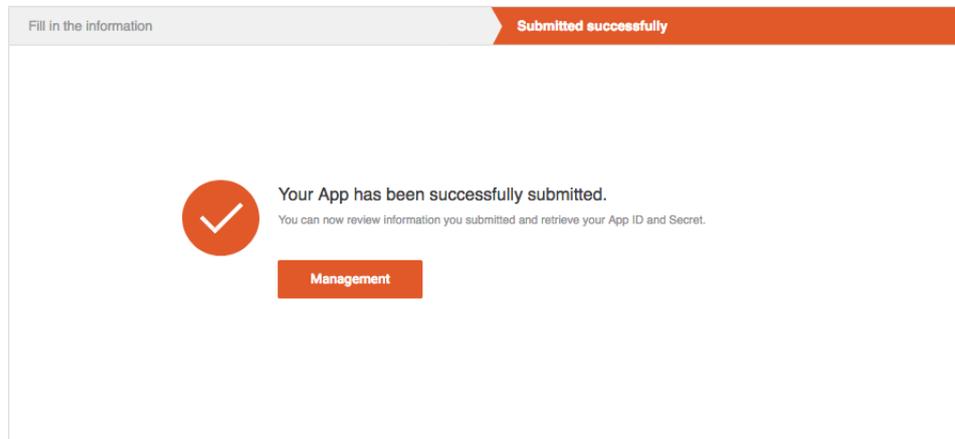
The screenshot shows a web form titled "Fill in the information" with a "Submitted successfully" status indicator. The form contains the following sections:

- Name:** A text input field with a placeholder "The name of your App must be between 3 and 50 characters".
- Category:** A dropdown menu currently set to "Other".
- Description:** A text area with a placeholder "Limit your description to 500 characters".
- App Website:** A text input field with a placeholder "The landing page of your App".
- Powered by:** A text input field with a placeholder "Provide a link that introduces you and your App".
- App Images:** A section with three sub-sections:
  - Logo:** Text: "Upload an icon image for the APP. The recommended size for this image is 64x64 px, in PNG format and no larger than 300 KB." Below is an "Upload or drop image here" button and a "Preview" box showing a red 'X' icon.
  - Banner:** Text: "Upload a banner image for the App. The recommended size for this image is 160x90 px, in PNG format and no larger than 300 KB." Below is an "Upload or drop image here" button and a "Preview" box showing the "NEXUSGUARD" logo.
  - Profile:** Text: "Upload up to 3 profile images for the App. The recommended size for this image is 960x540 px, in PNG format and no larger than 300 KB." Below is an "Upload or drop images here" button and a "Preview" box showing the "NEXUSGUARD" logo.

A "Submit" button is located at the bottom center of the form.

2. Fill in the information needed on the page and click **Submit**. The **Submitted successfully page** displays.

Note: although only **Name** and **App Website** are required, it is suggested that all fields should be filled out and images uploaded. The purpose of these is to gather information that would introduce the app and make it attractive to the targeted audience.



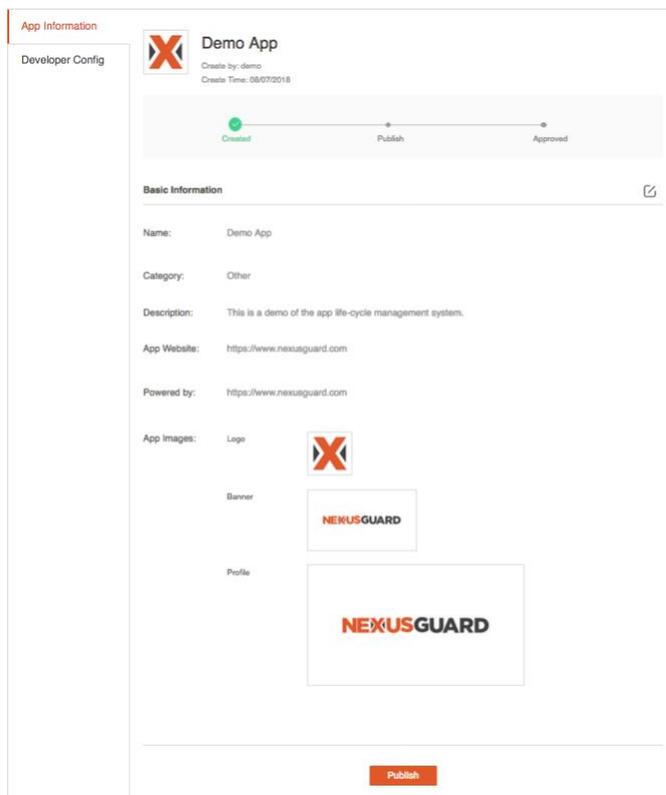
3. The app has been successfully submitted. Click **Management** to go back to the landing page. Its status is *Created*.



## Editing Nexusguard App Information

After an app is created, it appears on the landing page as *Created*. To edit its information,

1. Click the edit icon under **Operation**. The **App Information** page displays.



2. The App Information page displays the name of the app, the account used to create it, creation, followed by its current status, a **Basic Information** section and an action button. Fields under the **Basic Information** section can be edited. To do so, click  to make these fields editable and make desired changes.
3. Click **Submit** when finished to save the changes.

## Developer Information

Developer information is essential to the app as it contains the ID and password that authenticates the app and if successful, allows it to access APIs provides by Nexusguard.

App Information	<b>App ID:</b> <hr/> <p>f4fc8fe4f9394ce78f4f9ab5d1fe5fc4</p> <p>App ID is your App's unique identifier. This, along with your App secret, gives you access to NXG APIs.</p>
Developer Config	<b>App Secret:</b> <hr/> <p>650b.....9760  </p> <p>A unique secret associated with your application that authenticates requests made by your application to Nexusguard servers. Your App Secret should be treated like a password.</p>
	<b>Install &amp; Uninstall Notification</b> <input checked="" type="checkbox"/> <hr/> <p>Provide an URL that handles install and uninstall notification from Nexusguard. To find out more about these notifications, <a href="#">click here</a>.</p>

**App ID** – App ID is automatically generated and unique to the app. Paired with App Secret, it grants apps access to Nexusguard APIs.

**App Secret** – App Secret is like a password. Never share it with any third-party. It is partially masked on the page in order to protect it from preying eyes. Click  to copy App Secret to the clipboard. If for any reason the App Secret is lost or compromised, click  to regenerate one.

**Install & Uninstall Notification** – This is an URL that should be able to handle install and uninstall notifications from Nexusguard. For more details, visit [this link](#). This needs to be enabled manually.

## Maintenance Mode

Maintenance mode allows app developers to take their apps offline for a period of time to perform tasks such as server maintenance, deployment of new software, or bug fixing. During this period of time, your service will not be available for end users.

**Note:** this feature is only available for approved apps.

Click **Offline** to bring your app offline. Once you are finished, click Online to bring your app online again.

## Maintenance Message

Maintenance messages are used to notified end users of upcoming app downtime.

### Maintenance Message



A short message that informs the users of your app of upcoming maintenance breaks. This message should be sent some time prior to the maintenance break and include details like the reason for the maintenance, the start time of the maintenance, and the duration.

To add a maintenance message:

1. Click and the following section displays.

### Maintenance Message



A short message that informs the users of your app of upcoming maintenance breaks. This message should be sent some time prior to the maintenance break and include details like the reason for the maintenance, the start time of the maintenance, and the duration.

Start: Oct 19, 2018 5:00 PM Duration: 6 hours

Cancel Add

2. Select date and time for the maintenance message to be available to end users, and the duration for displaying the message. The duration is limited to less than 24 hours.
3. Input a message informing the end users of the details of the upcoming maintenance break.
4. Click **Add** to add the message.

Once the message is added, it appears below the text area.

Scheduled Start: Oct 20, 2018 2:00 PM Duration: 24 Hours

The app is going down at 201/10/21, 14:00 for a short maintenance break. It shouldn't last more than 3 hours. We apologize for the inconvenience this may cause you. Thank you for your understanding.

A maintenance message can be one of the following states:

- Scheduled: A Scheduled message will become available to end users at a future time.
- Ongoing: An Ongoing message is available to end users right now.
- Ended: An Ended message is no longer available to end users.

## Deleting a Nexusguard App

To delete a Nexusguard app, click and click **Delete** to confirm the action.

## Publishing a Nexusguard App

Once an app is created, it is technically ready to be published. However, an app should be developed and tested before publishing. Nexusguard administrators review every app published to see if it meets the standard.

To publish an app,

1. Click  to edit app information. The **App Information** page displays.
2. Review app information to make sure they are accurate and up to date.
3. Click **Publish**. The **Terms** page displays.

### TERMS

Nexusguard Limited (hereafter "Nexusguard"), a company incorporated in the Hong Kong Special Administrative Region of the People's Republic of China, provides this website located at [www.Nexusguard.com](http://www.Nexusguard.com) ("Nexusguard.com"), all the content under this domain, certain related software, and its services to you subject to the following terms and conditions. By using Nexusguard.com you agree to be bound by the latest versions of this Agreement and Nexusguard's Privacy and Security Policy.

#### SECTION 1: ACCEPTING THE TERMS

By using the information, tools, features and functionality located on Nexusguard.com, through any Nexusguard APIs, or through any software or other websites that interface with Nexusguard.com or its APIs (collectively the "Service"), you agree to be bound by this Agreement, whether you are a "Visitor" (meaning you merely browse the Nexusguard.com website) or you are a "Member" (meaning you have registered with Nexusguard). The term "you" or "User" refers to a Visitor or a Member. If you wish to become a Member and make use of the Service you must read this Agreement and indicate your acceptance during the Registration process. If you accept this Agreement, you represent that you have the capacity to be bound by it or, if you are acting on behalf of a company or entity, that you have the authority to bind such entity.

#### SECTION 2: COPYRIGHTS

All content included on Nexusguard.com, such as text, graphics, logos, button icons, images, audio clips, digital downloads, data compilations, and software, as well as the compilation of that content into one, coherent website, is the property of Nexusguard and protected by Hong Kong and international copyright laws. Reproduction of the content of Nexusguard.com without the written permission of Nexusguard is prohibited.

#### SECTION 3: TRADEMARKS AND SERVICEMARKS

The Nexusguard brand name and logo and other Nexusguard graphics, logos, page headers, button icons, scripts, and service names are trademarks, certification

Agree and Continue

4. Read the terms carefully. Click **Agree and Continue** to advance to the next step. The confirmation page displays.



Your App has been successfully submitted. Please allow 7 days for approval.

Management

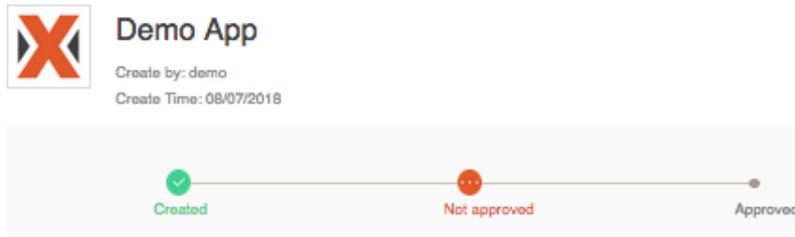
5. Click **Management** to go back to the landing page.

The app is now published. Its status is changed from *Created* to *Published*.

## Approved and Rejected Apps

A *Published* app needs approval from administrators to advance to the next stage. If it were approved, it would be shown as *Approved* and is automatically available to end users. If it were rejected, it would be shown as *Rejected*.

The **App Information** page of the rejected app shows the reason behind the decision.



**Reason:** Your app contains placeholder content. Finalize all images and text in your app and submit it again.

To re-publish the app for review, fix the issue that prevented the app from being approved, and edit the app information. The app is now shown as **Created**, which means it can be published for approval again.

## Disabled Apps

An app can only become *Disabled* through the action of an administrator. This often occurs at the request of the developer for various reasons, such as bugs or emergency maintenance. Nexusguard also reserves the right to disable any app if they are found not meet the standards required.

After an app is disabled, the developer must contact the administrator to have it enabled. When enabling the app, the administrator has the option to reset its status to *Created*, setting it to *Approved*, or anything in between.

# Chapter 3. Resources

Resources hosts documentation related to Nexusguard APIs which are the foundation behind Nexusguard Apps.

Overview	
API Catalog	▼
Nexusguard App	▼

## OVERVIEW

### Overview

Nexusguard is a carrier-grade (ISP-grade) DDoS mitigation service provider, integrating a purpose-built cloud scrubbing network with cutting-edge DDoS mitigation technology. Our Partner Program presents an exciting opportunity to differentiate your business and cash in on the growing market for cybersecurity services.

Our Partners can also run the Apps Program with Nexusguard. The Apps Program is running on the Nexusguard Developer Platform. Nexusguard Developer Platform uses an external program by exposing the API or function to increase the functionality of the Nexusguard Admin Portal.

Overview – Overview offers a summary of what the Resources section is all about.

API Catalog – API Catalog lists all APIs Nexusguard offers and related documentation.

Nexusguard App – Nexusguard App offers resources related to Nexusguard App.