

JDownloadGateway Quick Guide

2026-05-08 J.C

Configs

AllowResponseRootPath

Value: `true` or `false`

When enabled, the root path of the site (e.g., `http://localhost:5269` will respond with service information; when disabled, it will respond `404` .

AllowRobot

Value: `true` , `false` or `null`

Allows or disallows the robot from exploring download links; null indicates no control (equivalent to `robot.txt` not existing).

AllowShortFileRoutes

Value: `true` or `false`

When enabled, `/f/` in the download path can be omitted.

BlockCommonAttackPath

Value: `true` or `false`

When enabled, any attempt to access a malicious path defined in `CommonAttackPath` will be immediately dropped.

CommonAttackPath

Value: string array

See `BlockCommonAttackPath` .

FileSource

Value: object

Define the source of the files provided for download. Please refer to the following items for details.

DefaultVariants

Value: string array

When the downloader does not specify a variant and no file can be found, the system will automatically try the variants in this list in order to find a downloadable file.

e.g., When set to ["win-x64", "win-x86"], if a user wants to download Cat but cannot find the file, it will try to find if Cat_win-x64 exists, and so on.

ExtensionNames

Value: string array

Define which file extensions are supported for download.

Warning: Files with the same name but different extensions should not coexist, as this may cause system instability.

Root

Value: string

The root directory where downloadable files are placed, can be a relative or absolute path.

FilenamePrefix, VersionPrefix, and VariantPrefix

Value: string

These three items (along with the ExtensionNames) together define the filename template for downloadable files; only files that match the template will be loaded by the system.

For example, when the FilenamePrefix is \$, VersionPrefix is _v , VariantPrefix is _ , and ExtensionNames is ["zip"] , \$Cat_v1.2_win-x64.zip is a downloadable Cat file with version number 1.2 and variant win-x64 .

FlushInterval

Value: TimeSpan

The time interval for writing memory cache back to disk.

Icon

Value: `null`, `""` (empty string), or any string

Specifies the source of `favicon.ico`. `null` indicates that no favicon is provided (a `404` will occur if the client requests it), and an empty string `""` indicates that the built-in icon is used.

Any other string specifies the file path to the favicon; it can be an absolute or relative path, but a `404` will still occur if the file is not found.

IpBlackLists

Value: `IP address expression` array

Any IP address included in this blacklist will be dropped from making any API request.

The `IP address expression` supports three formats

1. Single address e.g., `127.0.0.1`
2. Address range separated by `-` e.g., `10.0.1.1-10.3.254.254`
3. CIDR range e.g., `192.168.0.0/24`

IpWhiteLists

Value: `IP address expression` array

Only IP addresses in the whitelist are allowed to call the command `/c/` and status `/s/` APIs.

If not set (leaving the array empty), anyone is allowed to use the above API.

LocalhostOnly

Value: `true` or `false`

When enabled, connections to the system can only be made from the local machine, and external access requires going through a reverse proxy.

When disabled, external connections can be made directly to the system (insecured).

RefererCheck

Not Implemented Yet.

RefererUris

Not Implemented Yet.

ServicePort

Value: 0 - 65535

Specify the TCP port used by this service.