

# Installation (Spigot)

This documentation is for v2 version, unfortunately v1 is no longer maintained.

Download the latest release from [SpigotMC](#) or from our [CI Server](#) to download an unstable build if you want to contribute to this project! By testing an unstable build and reporting any bug you can help us a lot.

## Spigot version is required?

**NO**, Spigot version is an optional version of EnhancedGlist that you should install on all of your Spigot servers if you want to show AFK and Vanished players to `/glist` and `/slist` commands. Also you must have a [compatible plugin](#) installed on your Spigot server to handle AFK and Vanish updates.

Some vanish plugins like **PremiumVanish** already brings compatibility with Bungeecord and Velocity, so in such case you do not require to install the Spigot version of EnhancedGlist.

## Spigot version can work without BungeeCord/Velocity version?

**NO**, Spigot version only acts a communication bridge between Spigot and Proxy to send AFK and Vanish updates to BungeeCord/Velocity using an internal messaging system called "plugin messages", you must have the version of EnhancedGlist installed on your proxy to handle these updates properly.



## Prerequisites

- Java 8 or greater is required to run EnhancedGlist for Spigot.

- Reload the plugin using `/egls reload` command, never reload the plugin using a plugin manager!!
- Compatible Minecraft Versions: 1.8 to latest (1.19.X)

## Installation steps

1. Download latest stable or unstable build from our [CI Server](#) or from [SpigotMC](#).
2. Put downloaded file ( `EnhancedGlist-Spigot-Bridge-X.X.X.jar` ) inside `/plugins` folder.
3. Load plugin using a plugin manager, or start/restart your Spigot server.
4. Go to `/plugins/EnhancedGlistBridge` folder and edit configuration files to configure EnhancedGlist.
5. If you have made changes, use `/egls reload` command to reload plugin.
  - **Note:** plugin manager is not required to reload EnhancedGlist because EnhancedGlist already does a full reload by using `/egls reload` command. We recommend you to use `/egls reload` to do a safe reload.
6. Congragulations! EnhancedGlist is installed on your Spigot server.

## Configure how EnhancedGlist should communicate between Spigot and Proxy servers

### Plugin Messages



Plugin messages is a basic communication system integrated within Spigot and BungeeCord/Velocity to send and receive messages between server and proxy using a player connection.

**The disadvantage of this system is the compatibility between MC versions, legacy clients such MC 1.8 will be unable to send messages to the Proxy at some situations.**

We strongly recommend you to use another communication system such RabbitMQ or Redis to prevent inconsistencies.

To enable this type of communication edit your `config.conf` file from EnhancedGlist folder and configure this property:

```
communication{  
  type="plugin-messages"  
  ...  
  ...  
}
```

Do not forget to modify the communication type of the EnhancedGlist located in your BungeeCord/Velocity instance!! The Spigot server and the Proxy server must have the same communication type, otherwise EnhancedGlist will be unable to made a success communication.

## RabbitMQ



RabbitMQ is a message broker that you must install on your machine in order to use this type of communication, to install RabbitMQ follow [download instructions](#) at RabbitMQ webpage.

To enable this communication type and configure RabbitMQ edit your `config.conf` file from EnhancedGlist folder and configure these properties:

```
communication{  
  type="rabbitmq"  
  rabbitmq-server {  
    host="localhost" # Set the host where RabbitMQ is installed  
    port=5672 # By default RabbitMQ will listen to 5672 port  
    user="guest" # Set the RabbitMQ user to use  
    password="guest" # Set the password to use for authentication  
  }  
  ...  
}
```

Do not forget to modify the communication type of the EnhancedGlist located in your BungeeCord/Velocity instance!! The Spigot server and the Proxy server must have the same communication type, otherwise EnhancedGlist will be unable to made a success communication.

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# Redis



Redis is an in-memory data store that also acts as a message broker, to use Redis you must install it in your machine, follow the [Getting Started](#) guide to install Redis.

To enable this communication type and configure Redis edit your `config.conf` file from EnhancedGlist folder and configure these properties:

```
communication{
  type="redis"
  redis-server {
    host="localhost" # Set the host where Redis is installed
    port=6379 # By default Redis will listen to 6379 port
    user="" # User to use, leave as empty to not use this property
    password="" # Password to use, leave as empty if your redis server does not require authentication
  }
  ...
}
```

Do not forget to modify the communication type of the EnhancedGlist located in your BungeeCord/Velocity instance!! The Spigot server and the Proxy server must have the same communication type, otherwise EnhancedGlist will be unable to made a success communication.

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