

RabbitMQ Server Documentation

1. Starting and Stopping RabbitMQ Server

```
sudo systemctl start rabbitmq-server
```

Start RabbitMQ Server

```
sudo systemctl stop rabbitmq-server
```

Stop RabbitMQ Server

```
sudo systemctl restart rabbitmq-server
```

Restart RabbitMQ Server

```
sudo systemctl enable rabbitmq-server
```

Enable RabbitMQ to start on system boot

```
sudo systemctl disable rabbitmq-server
```

Disable RabbitMQ autostart on boot

```
sudo systemctl status rabbitmq-server
```

Check RabbitMQ Server status

2. RabbitMQ Management UI

The RabbitMQ Management UI is a web-based interface to monitor and manage RabbitMQ.

```
sudo rabbitmq-plugins enable rabbitmq_management
```

Enable Management Plugin

```
sudo systemctl restart rabbitmq-server
```

Restart RabbitMQ Server (to load management plugin)

Access Management UI

Open your browser and go to:

<http://localhost:15672>

3. Default Credentials

Username: guest

Password: guest

The default guest user can only log in from localhost for security reasons.

4. Creating a New Admin User

It is recommended to create your own user instead of using the default guest.

```
sudo rabbitmqctl add_user username password
```

Add New User (replace username and password with your own)

```
sudo rabbitmqctl set_user_tags username administrator
```

Assign Administrator Tag to User

```
sudo rabbitmqctl set_permissions -p / username ".*" ".*" ".*"
```

Set Permissions for User (full access)

5. Listing Users

```
sudo rabbitmqctl list_users
```

To list all RabbitMQ users:

6. Deleting a User (if needed)

```
sudo rabbitmqctl delete_user username
```

7. Useful RabbitMQ CLI Commands

```
sudo rabbitmqctl status
```

Check server status:

```
sudo rabbitmqctl list_vhosts
```

List vhosts:

```
sudo rabbitmqctl list_permissions
```

List permissions of users:

Summary of Common Commands

Task	Command
Start RabbitMQ	<code>sudo systemctl start rabbitmq-server</code>
Enable Management UI	<code>sudo rabbitmq-plugins enable rabbitmq_management</code>
Restart RabbitMQ	<code>sudo systemctl restart rabbitmq-server</code>
Add User	<code>sudo rabbitmqctl add_user username password</code>
Set User as Admin	<code>sudo rabbitmqctl set_user_tags username administrator</code>
Set User Permissions	<code>sudo rabbitmqctl set_permissions -p / username ".*" ".*" ".*"</code>
List Users	<code>sudo rabbitmqctl list_users</code>
Check Status	<code>sudo rabbitmqctl status</code>

If you want me to help with configuration examples or usage with specific languages, just ask!