

# Description

## Docker NextCloud module **WHMCS**

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Before you start, it is important to read and familiarize yourself with the following articles at this link:

<https://doc.puq.info/books/docker-modules>

**WHMCS Docker NextCloud module** is designed for automated provisioning and comprehensive management of **NextCloud** and **NextCloud Office** instances on a Docker server. This powerful integration with WHMCS empowers businesses to efficiently offer cloud-based file storage, collaboration, and office productivity solutions to their clients.

**NextCloud Office** offers robust productivity tools including integrated document editing, spreadsheet management, and presentations. These office solutions facilitate seamless real-time collaboration, enabling teams to efficiently co-edit documents, share ideas, and enhance productivity without leaving the secure NextCloud environment.

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## Key Features

### Automated Container Management

- Automatic creation of a **NextCloud** (with optional **NextCloud Office**) container upon service order.
- Automated package upgrades and administrator password reset.

### Service Control & Security

- Service creation
- Service suspension and reactivation

- Service termination
- Full reinstallation
- IP access control

## ☐ Advanced Diagnostic Tools

- Built-in tools for diagnosing and managing containers.

## ☐ Multilingual Support

- Supports multiple languages, including **Arabic, Azerbaijani, Catalan, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Farsi, French, German, Hebrew, Hungarian, Italian, Macedonian, Norwegian, Polish, Romanian, Russian, Spanish, Swedish, Turkish, and Ukrainian.**

## ⚙ Fully Customizable Workflows

- Uses **n8n workflows** to automate processes, allowing full customization for business-specific needs.

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# System Requirements

To run the WHMCS Docker **NextCloud** module, ensure you have:

**WHMCS version 8+**

**An n8n server** for workflow automation

**A server with Docker installed** for container management ([Installation Guide](#))

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# Installation & Setup

## 1☐ Environment Preparation

- Install **WHMCS 8+**.
- Set up an **n8n server** for automation workflows.

- Ensure **Docker** is installed and running. ([Installation Guide](#))

## 2▣ Module Installation

- Upload and activate the **WHMCS Docker NextCloud module**.
- Configure the module settings to connect with your Docker server and n8n workflows.

## 3▣ Workflow Customization

- Utilize **n8n workflows** to automate service provisioning and management.
- Modify workflows as needed for custom business logic.

## 4▣ Testing & Deployment

- Perform a **test order** to verify automatic container creation.
  - Check all service management functions (creation, suspension, unsuspension, termination).
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# Why Choose This Module?

**Seamless automation** - Reduces manual work and speeds up service deployment.

**Highly customizable** - Modify workflows to fit any business model.

**User-friendly** - Integrated within WHMCS with a simple setup process.

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This module makes selling and managing **NextCloud** and **NextCloud Office** instances through WHMCS easy, automated, and flexible!

 Go to NextCloud

 User manual



Status:

running



CPU usage:



Memory usage:



Disk usage:



<https://nextcloud-2-5364.app.d01-test.uuq.pl/>



Change Owner Password



Username:

c23en8zy8w



Password:

1UyV0i:4xBUp6[



Version:

31.0.0



Owner:

c23en8zy8w

API Connection status

✔ API Connection OK

Container

[Refresh](#) [Log](#)

Status	Running
Name	nextcloud-2-5364.app.d01-test.uuq.pl_nextcloud (46671435833e)
CPU usage	11.25% <span style="float: right;">88.75%</span>
Memory usage	418MiB / 1GiB <span style="float: right;">40.82% 59.18%</span>
Disk IO	2.44GB / 2.07GB
Disk mounted	1.1G/2.0G <span style="float: right;">62% 38%</span>
Disk file	1.1G
Network IO	45.8MB / 22.1MB

Dependent Containers

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Status	Running
Name	nextcloud-2-5364.app.d01-test.uuq.pl_collabora (0371d373e681)
CPU usage	99.8%
Memory usage	737.4MiB / 31.34GiB <span style="float: right;">2.3% 97.7%</span>

Status	Running
Name	nextcloud-2-5364.app.d01-test.uuq.pl_db (f18e8f384d0f)
CPU usage	99.97%
Memory usage	312.7MiB / 31.34GiB <span style="float: right;">0% 99.03%</span>

Status	Running
Name	nextcloud-2-5364.app.d01-test.uuq.pl_redis (5c6ad6572bc3)
CPU usage	1% <span style="float: right;">98.92%</span>
Memory usage	9.09MiB / 31.34GiB <span style="float: right;">0% 99.97%</span>

App

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Version	31.0.0
Users	c23en8zy8w

Metric Statistics

Metric	Enabled	Current Usage	Last Update
Traffic IN (GB)	✔	0.00 GB	1 second ago
Traffic OUT (GB)	✔	0.00 GB	1 second ago

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# Welcome to PUQ Docker NextCloud deploy! Template for Docker NextCloud: API Backend for WHMCS/WISECP by PUQcloud

This is an Docker NextCloud template that creates an API backend for the WHMCS/WISECP module developed by PUQcloud.

## Setup Instructions

1. Configure API Webhook and SSH Access
  - Create a Credential (Basic Auth) for the Webhook API Block in rfm.
  - Create a Credential for SSH access to a server with Docker installed (SSH Block).

## 2. Install Required Packages on the Docker Server

Run the following command on your server:

```
apt-get install nginx apache2-ssl
```

## 3. Modify Template Parameters

In the Parameters block of the template, update the following settings:

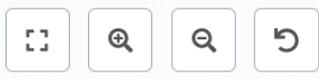
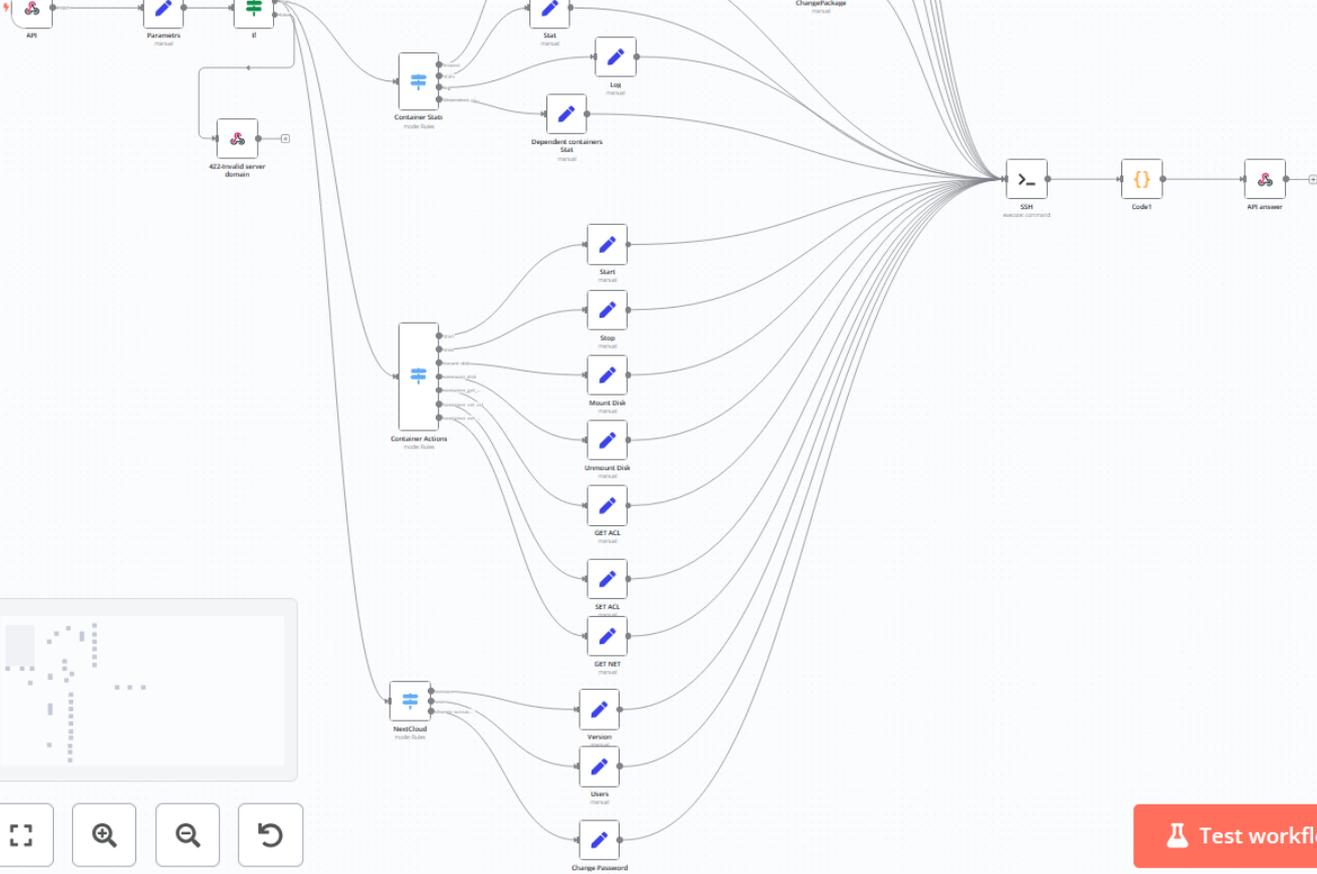
- server\_domain - must match the domain of the WHMCS/WISECP Docker server.
- container\_dir - directory where user data related to Docker and files will be stored.
- mount\_dir - default mount point for the container disk (recommended not to change).

Do not modify the following technical parameters:

- server\_ip
- server\_port

## Additional Resources

- Full documentation: [https://puq.com](#)
- Docker NextCloud module: [https://puqcloud.com](#)



Test workflow

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Created 26 March 2025 11:12:34 by Dmytro Kravchenko

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