

# Docker MinIO

## WHMCS module

A module for WHMCS that uses n8n workflows to deploy the MinIO service using Docker.

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  - [Email Template \(puqDockerMinIO Update Email\)](#)
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- Home screen
- IP Access Control
- Reinstall
- Metrics

# Description

## Docker MinIO 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>

The **WHMCS Docker MinIO module** is designed for automated provisioning and management of MinIO instances on a Docker server. It seamlessly integrates with WHMCS, allowing businesses to sell and manage MinIO services efficiently.

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## Key Features

### Automated Container Management

- Automatic creation of an MinIO 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.
- 

# System Requirements

To run the WHMCS Docker MinIO 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 MinIO 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).

---

# 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.

---

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



Go to MinIO



User manual



Status:

running



CPU usage:

1 CPU

99.98%



Memory usage:

122.3MiB / 1GiB

11.94%

88.06%



Disk usage:

128K / 974M

99%

# MINIO

Web Console: <https://console.1741969814.d01-test.uuq.pl/>



REST API:

<https://1741969814.d01-test.uuq.pl>



Username:

befDzX



Password:

.....



Change Administrator Password



Version:

RELEASE.2025-02-28T09-55-16Z



Administrator:

befDzX



Users:

API Connection status

API Connection OK

Container

Refresh

Log

Status

Running

Name

1741969814.d01-test.uuq.pl (f36febde549a)

CPU usage

99.93%

Memory usage

172.3MiB / 1GiB

16.83%

83.17%

Disk IO

422kB / 5.28MB

Disk mounted

128K/974M

99%

Disk file

35M

Network IO

163kB / 13.2MB

App

Refresh

Version

RELEASE.2025-02-28T09-55-16Z

Users

Metric Statistics

Metric

Enabled

Current Usage

Last Update

Traffic IN (GB)

✓

1.21 GB

56 minutes ago

Traffic OUT (GB)

✓

0.16 GB

56 minutes ago

Refresh Now

**Welcome to PUD Doctor MirrO deploy!**  
Template for MirrO API Backend for WHMCS/WS2OP by PUQcloud

NOTE: as this template that creates an API Backend for the WHMCS/WS2OP needs a deployment by PUDcloud.

**Setup Instructions**

**1. Configure API Backend and WHMCS:**

- 1. Create a Cloudwatch Group for the Backend API Backend in AWS.
- 2. Create a Cloudwatch Log for Backend in a new AWS Log Group (AWS IAM).

**2. Modify Template Parameters:**

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

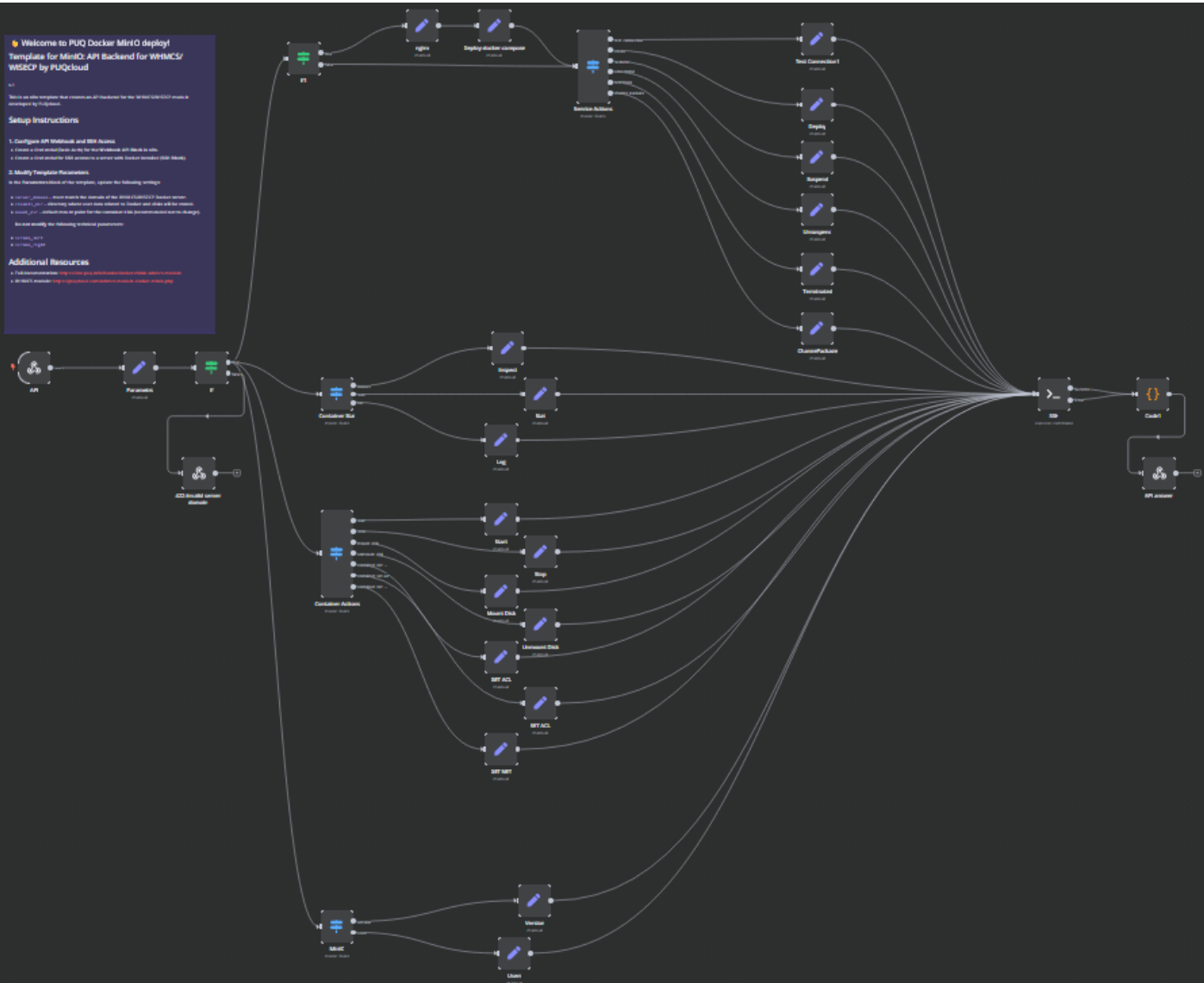
- 1. `aws_group_name`: select the name of the Cloudwatch Group Backend.
- 2. `aws_log_name`: select the name of the Cloudwatch Log Backend.
- 3. `aws_log_group_name`: select the name of the Cloudwatch Log Group Backend.

We also modify the following resource parameters:

- 1. `aws_group_name`
- 2. `aws_log_name`
- 3. `aws_log_group_name`

**Additional Resources**

- 1. `aws_group_name`: <https://aws.amazon.com/cloudwatch/>
- 2. `aws_log_name`: <https://aws.amazon.com/cloudwatch/>



# What is MinIO

## Docker MinIO module **WHMCS**

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**MinIO** is an open-source object storage solution that is fully compatible with Amazon S3. It is designed for storing large amounts of unstructured data such as files, images, videos, backups, and logs. MinIO provides a high-performance alternative to traditional storage solutions, offering scalability, security, and ease of use.

### Key Features of MinIO:

#### 1. **Amazon S3 Compatibility**

MinIO is designed to be fully compatible with the Amazon S3 API. This means that applications that interact with S3 can seamlessly work with MinIO without any changes to the codebase. It provides the same object storage functionality that developers are used to with S3, making it easy to migrate or integrate with existing systems.

#### 2. **High Performance**

MinIO is built for high-performance applications. It is optimized to handle large-scale data and provide fast throughput, making it suitable for storing and serving massive datasets. Its low-latency and high throughput capabilities make it ideal for data-intensive applications like AI/ML workloads, big data storage, and video streaming.

#### 3. **Scalability**

MinIO can scale easily from a single server to a distributed cluster. It supports high availability and can handle petabytes of data across a large number of nodes. Whether you're starting with a small deployment or expanding to a global system, MinIO provides the scalability you need to grow without major reconfiguration.

#### 4. **Security**

Security is a top priority in MinIO. It supports end-to-end encryption, both in transit (using TLS) and at rest (using AES-256 encryption). Access control policies and fine-grained permissions help ensure that only authorized users can access your data. MinIO also supports bucket versioning and data redundancy to protect against data loss.

#### 5. **Simplicity**

MinIO is designed to be simple to deploy and manage. It can be run as a single binary, making it easy to install and configure. It supports Docker and Kubernetes, allowing you to deploy it in containerized environments or cloud-native architectures. Additionally, MinIO's web interface provides a user-friendly way to manage and monitor your storage.

#### 6. **Use Cases**

MinIO is used in a variety of scenarios, including:

- **Cloud Storage:** Build your own private cloud storage solution.
- **Big Data:** Store and manage large datasets for analytics and processing.
- **Backup:** Create reliable, cost-effective backup solutions.
- **AI/ML:** Store training datasets and models for machine learning applications.
- **Media and Streaming:** Serve high-resolution images, videos, and audio files.

## Why Choose MinIO?

MinIO stands out for its simplicity, performance, and compatibility with existing tools and applications. It's an ideal choice for businesses and developers looking to build scalable, secure, and cost-effective object storage solutions. MinIO's open-source nature makes it an affordable alternative to proprietary cloud storage services like Amazon S3, while still offering many of the same features and capabilities.

Whether you're building a new application or migrating an existing system, MinIO offers a powerful and flexible storage solution that can meet your needs as they evolve.

# Changelog

## Docker MinIO module **WHMCS**

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v1.0 Released 17-03-2025

First version

# Installation and configuration guide

# Basic concepts and requirements

## Docker MinIO 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>

The **WHMCS Docker MinIO module** is part of the **WHMCS Docker module series** developed by **PUQcloud**. This module enables service providers to offer **MinIO Docker containers** as a service to their clients, allowing for seamless automation and integration.

The system consists of three core components:

### **WHMCS Module**

The **core component**, installed in WHMCS, manages service provisioning and automation from the WHMCS side.

### **Debian 12 Server**

A server running **Debian 12** with the following pre-installed:

 **Docker** – For container management

We have prepared instructions for installing and configuring Docker

<https://doc.puq.info/books/docker-modules/page/installing-docker-for-puqcloud-modules>

# n8n Server

This server facilitates communication between the WHMCS module and the Docker server, ensuring smooth workflow execution.

To explore n8n's full potential, visit the [official n8n website](#) for documentation, tutorials, and community support.

---

## Key Features & Concepts

### Workflow Automation

n8n provides a **graphical workflow builder**, allowing users to automate various tasks, such as:

- ✓ **Sending notifications**
- ✓ **Configuring firewalls** on external routers
- ✓ **Managing DNS settings**
- ✓ **Custom automation processes** tailored to specific needs

### Flexibility & Customization

The module offers **personalized settings** and supports **elastic automation**, giving clients full control over their n8n workflows.

# WHMCS setup (install/update)

## Docker MinIO module **WHMCS**

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**Module is coded ionCube v13**

Supported php version:

- php 7.4 WHMCS 8.11.0 -
- php 8.1 WHMCS 8.11.0 +
- php 8.2 WHMCS 8.11.0 +

To install and update a module, you must perform one and the same action.

### 1. Download the latest version of the module.

PHP 8.2

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-MinIO/php82/PUQ_WHMCS-Docker-MinIO-latest.zip
```

PHP 8.1

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-MinIO/php81/PUQ_WHMCS-Docker-MinIO-latest.zip
```

PHP 7.4

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-MinIO/php74/PUQ_WHMCS-Docker-MinIO-latest.zip
```

All versions are available via link:

[https://download.puqcloud.com/WHMCS/servers/PUQ\\_WHMCS-Docker-MinIO/](https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-MinIO/)

## 2. Unzip the archive with the module.

```
unzip PUQ_WHMCS-Docker-MinIO-latest.zip
```

## 3. Copy and Replace "puqDockerMinIO" from "PUQ\_WHMCS-Docker-MinIO" to "WHMCS\_WEB\_DIR/modules/servers/"

# Preparing Docker Server

Docker MinIO module **WHMCS**

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To install the Docker server for this module, please follow the instructions at the following link:

<https://doc.puq.info/books/docker-modules/page/installing-docker-for-puqcloud-modules>

# Setting up n8n workflow

## Docker MinIO module **WHMCS**

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## Overview

The **Docker MinIO WHMCS module** uses a specially designed workflow for **n8n** to automate deployment processes. The workflow provides an API interface for the module, receives specific commands, and connects via SSH to a server with Docker installed to perform predefined actions.

## Prerequisites

- You must have your own **n8n** server.
- Alternatively, you can use the official **n8n** cloud installations available at: [n8n Official Site](#)

## Installation Steps

### Install the Required Workflow on n8n

You have two options:

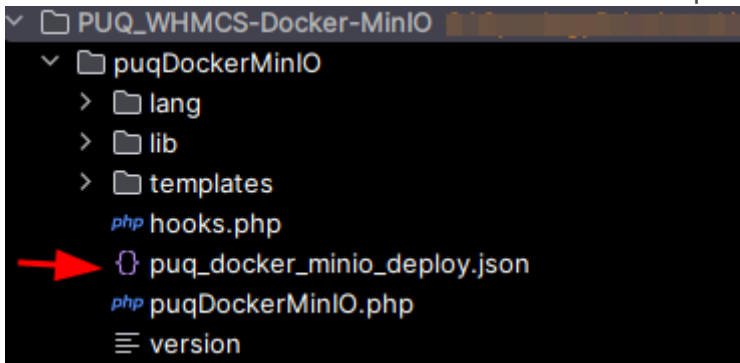
#### **Option 1: Use the Latest Version from the n8n Marketplace**

- The latest workflow templates for our modules are available on the official n8n marketplace.

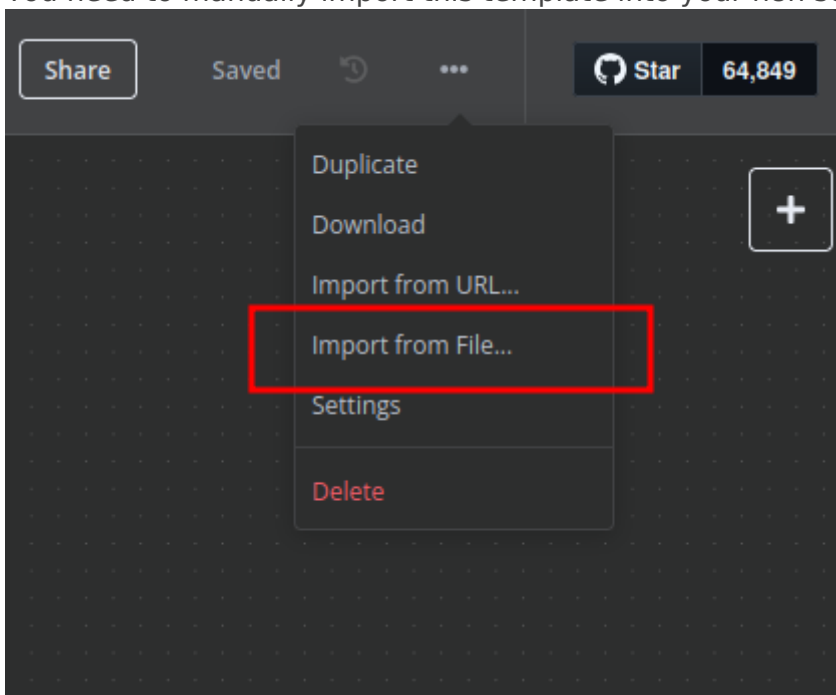
- Visit our profile to access all available templates: [PUQcloud on n8n](#)

## Option 2: Manual Installation

- Each module version comes with a workflow template file.



- You need to manually import this template into your n8n server.



# n8n Workflow API Backend Setup for WHMCS/WISECP

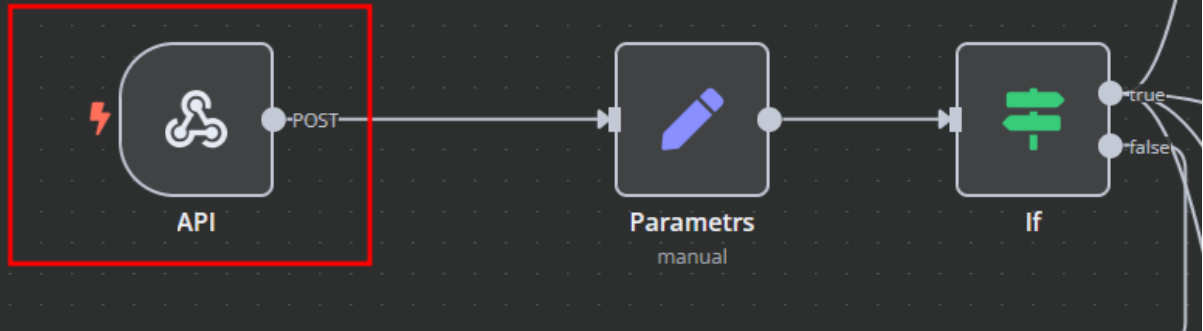
## Configure API Webhook and SSH Access

- Create a **Basic Auth Credential** for the Webhook API Block in n8n.

- screen\_right

## Additional Resources

- Full documentation: <https://doc.puq.info/books/docker-minio-whmcs-module>
- WHMCS module: <https://puqcloud.com/whmcs-module-docker-minio.php>



API

Listen for test event

ParametersSettingsDocs

Webhook URLs

Test URLProduction URL

POSThttps://n8n.puqcloud.com/webhook-test/docker-minio

HTTP Methods

POST

Path

docker-minio

Authentication

Basic Auth

Credential for Basic Auth

Incom API User

Incom API UserBasic Auth

Unnamed credentialBasic Auth

+ Create new credential

No properties

Add option

Pull in events from Webhook

Listen for test event

Once you've finished building your workflow, run it without having to click this button by using the production webhook URL. [More info](#)

API credential  
Basic Auth

Save

Connection

Need help filling out these fields? [Open docs](#)

Sharing

Details

User

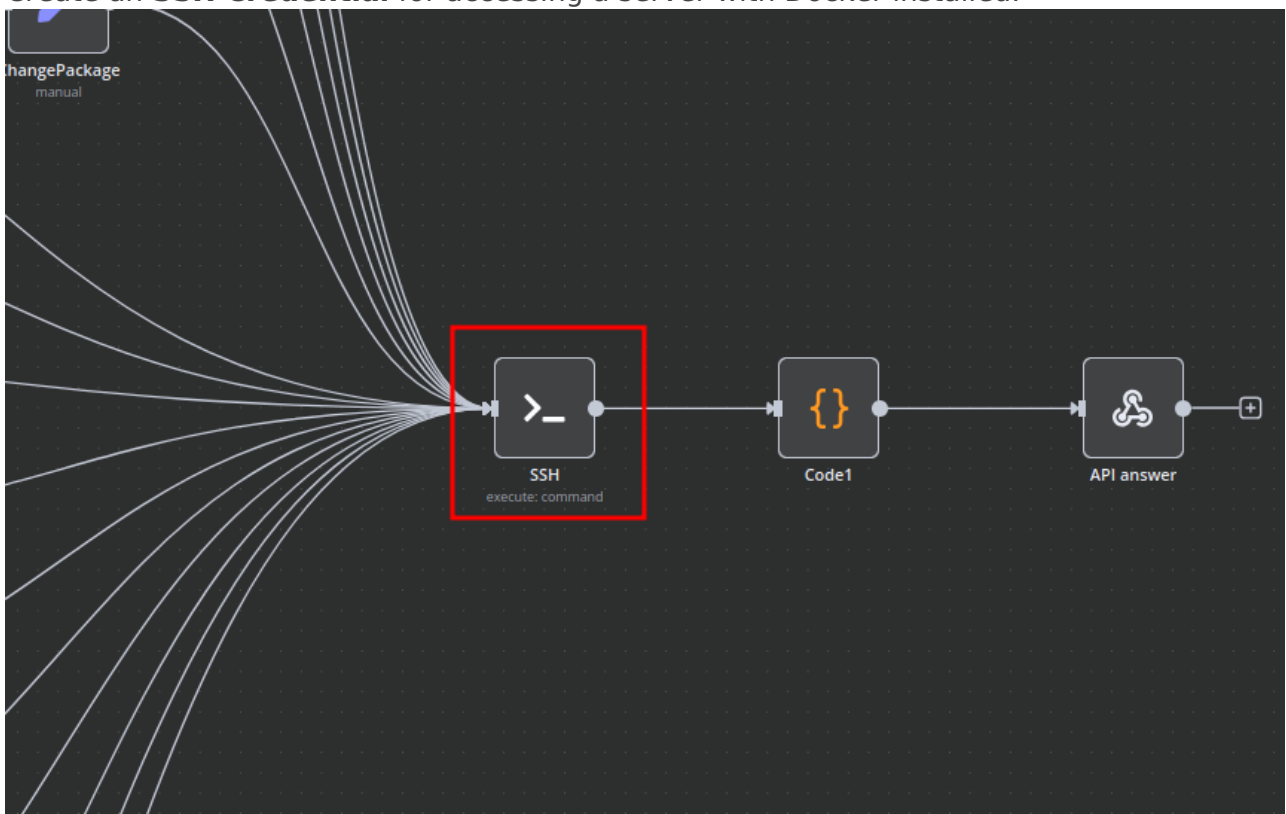
test

Password

.....

Enterprise plan users can pull in credentials from external vaults. [More info](#)

- Create an **SSH Credential** for accessing a server with Docker installed.



> SSH

Test step

Parameters

Settings

Docs

Credential to connect with

d01-test.uuq.pl-puq

d01-test.uuq.pl-puq  
SSH Password

+ Create new credential

Execute

Command

fx {{ \$json.sh }}

Working Directory

fx /

>

d01-test.uuq.pl-puq

SSH Password

×

Connection

Sharing

Details

✔ Connection tested successfully

Retry

Need help filling out these fields? [Open docs](#)

Host \*

d01-test.uuq.pl

Port \*

22

Username

puq

Password

.....

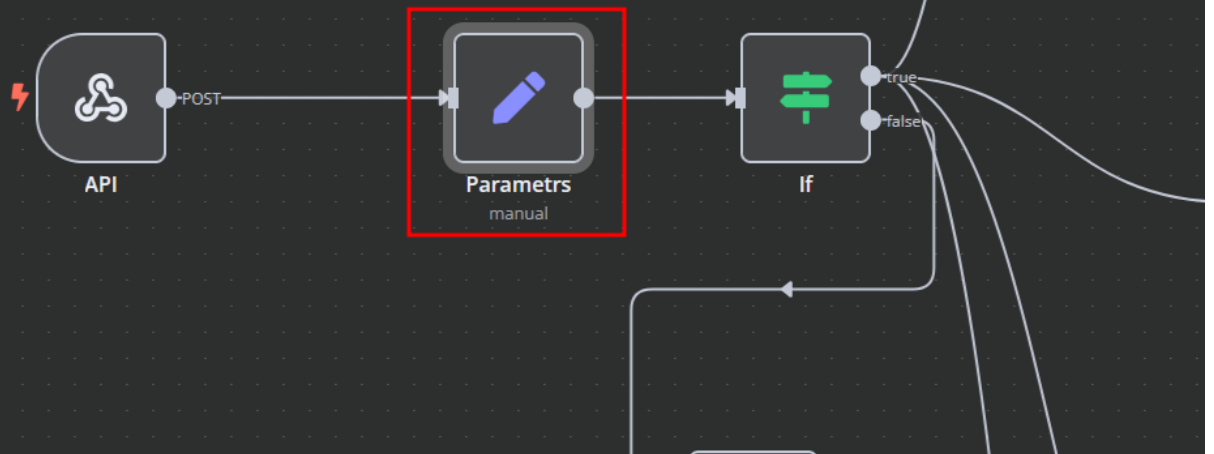
ⓘ Enterprise plan users can pull in credentials from external vaults. [More info](#)


# Modify Template Parameters

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

## Additional Resources


- Full documentation: <https://doc.puq.info/books/docker-minio-whmcs-module>
- WHMCS module: <https://puqcloud.com/whmcs-module-docker-minio.php>




 **Parameters**

Parameters

Settings


Docs 

Mode

Manual Mapping 

Fields to Set


server\_domain

A String 

d01-test.uuq.pl

[empty]


clients\_dir

A String 

/opt/docker/clients

[empty]


mount\_dir

A String 

/mnt

[empty]


screen\_left

A String 

{{

[empty]

screen\_right

A String 

}}

[empty]

- `server_domain` – Must match the domain of the WHMCS/WISECP Docker server.
- `clients_dir` – Directory where user data related to Docker and disks will be stored.
- `mount_dir` – Default mount point for the container disk (recommended not to change).

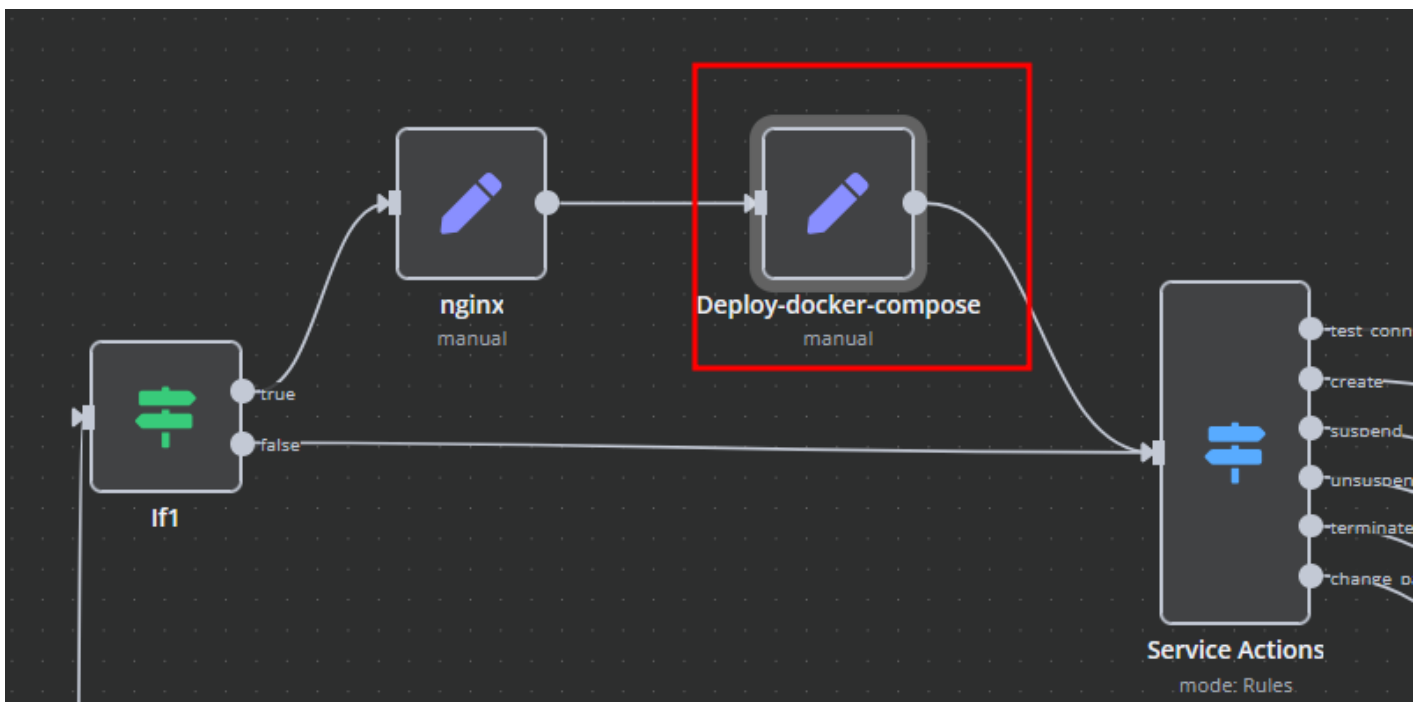
**Do not modify** the following technical parameters:

- `screen_left`
- `screen_right`

# Deploy-docker-compose

In the **Deploy-docker-compose** element, you have the ability to modify the Docker Compose configuration, which will be generated in the following scenarios:

- When the service is created
- When the service is unlocked
- When the service is updated



## Expression

Anything inside `{{ }}` is JavaScript. [Learn more](#)

```
version: "3"

services:
  {{ $('API').item.json.body.domain }}:
    image: minio/minio
    restart: unless-stopped
    container_name: {{ $('API').item.json.body.domain }}
    command: server /data --console-address ":9001"
    environment:
      MINIO_ROOT_USER: {{ $('API').item.json.body.username }}
      MINIO_ROOT_PASSWORD: {{ $('API').item.json.body.password }}
      MINIO_BROWSER_REDIRECT_URL: https://console.{{ $('API').item.json.body.domain }}
      LETSENCRYPT_HOST: {{ $('API').item.json.body.domain }},console.{{
$('API').item.json.body.domain }}
      VIRTUAL_HOST_MULTIPORTS: |-
        {{ $('API').item.json.body.domain }}:
          "/":
            port: 9000
        console.{{ $('API').item.json.body.domain }}:
          "/":
            port: 9001
    volumes:
      - "{{ $('Parameters').item.json.mount_dir }}/{{ $('API').item.json.body.domain }}/data:/
data"
    networks:
      - nginx-proxy_web
    mem_limit: "{{ $('API').item.json.body.ram }}"G"
    cpus: "{{ $('API').item.json.body.cpu }}"

networks:
  nginx-proxy_web:
    external: true
```

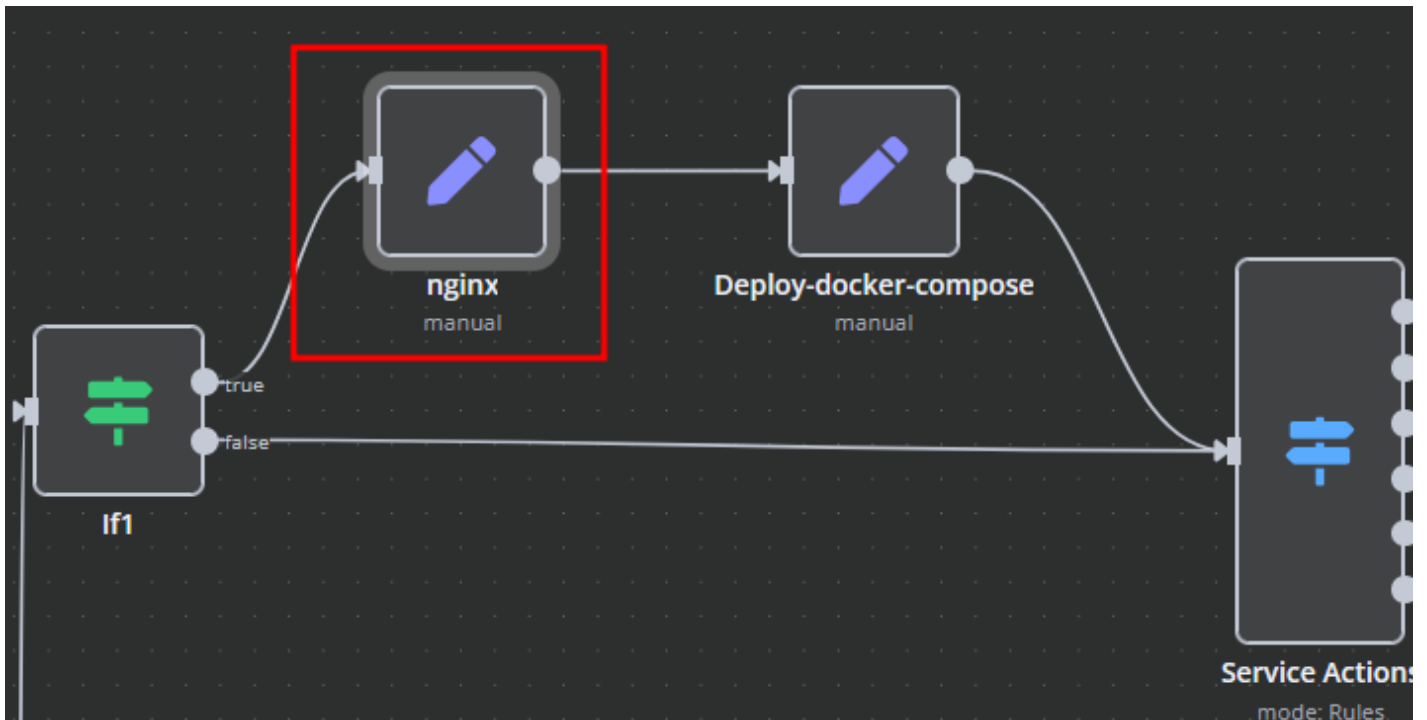
## nginx

In the **nginx** element, you can modify the configuration parameters of the web interface proxy server.

- The **main** section allows you to add custom parameters to the **server** block in the proxy server configuration file.
- The **main\_location** section contains settings that will be added to the **location** / block of

the proxy server configuration. Here, you can define custom headers and other parameters specific to the root location.

- The **console** section allows you to add custom parameters to the **server** block in the WEB console proxy server configuration file.
- The **console\_location** section contains settings that will be added to the **location** / block of the WEB console proxy server configuration. Here, you can define custom headers and other parameters specific to the root location of WEB console.



Mode

Manual Mapping

Fields to Set

main

A String

```
= ignore_invalid_headers off;
  client_max_body_size 0;
  proxy_buffering off;
  proxy_request_buffering off;
```

```
ignore_invalid_headers off; client_max_body_size 0; proxy_buffering off; proxy_request_buffering off;
```

main\_location

A String

```
= # Custom header
  proxy_set_header Host $http_host;
  proxy_set_header X-Real-IP $remote_addr;
  proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
  proxy_set_header X-Forwarded-Proto $scheme;
```

```
# Custom header proxy_set_header Host $http_host; proxy_set_header X-Real-IP $remote_addr; proxy_set_head...
```

console

A String

```
= ignore_invalid_headers off;
  client_max_body_size 0;
  proxy_buffering off;
  proxy_request_buffering off;
```

```
ignore_invalid_headers off; client_max_body_size 0; proxy_buffering off; proxy_request_buffering off;
```

console\_location

A String

```
= # Custom header
  proxy_set_header Host $http_host;
  proxy_set_header X-Real-IP $remote_addr;
  proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
  proxy_set_header X-Forwarded-Proto $scheme;
  proxy_set_header X-Main-Proxy true;
```

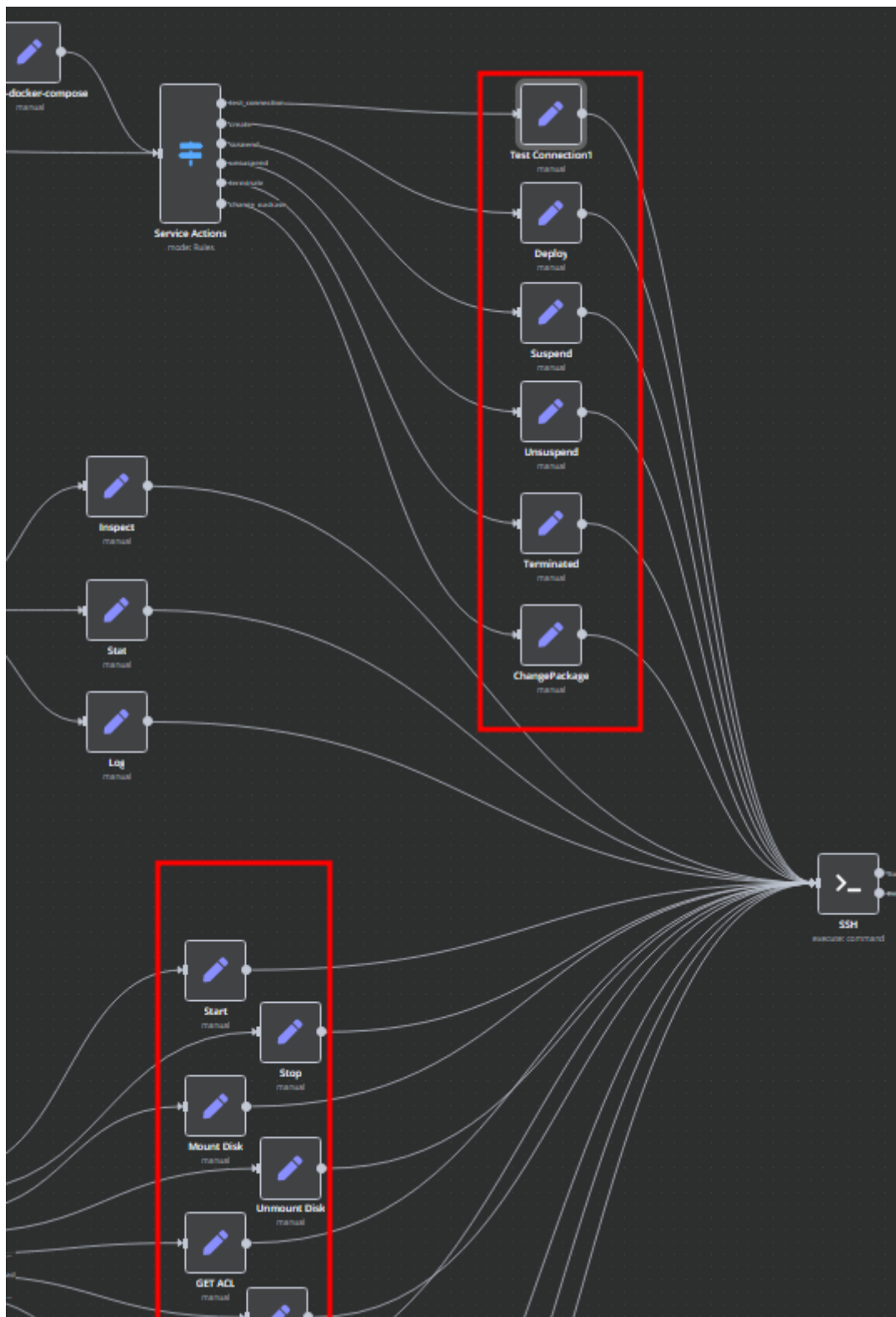
```
# Custom header proxy_set_header Host $http_host; proxy_set_header X-Real-IP $remote_addr; proxy_set_head...
```

# Bash Scripts

Management of Docker containers and all related procedures on the server is carried out by

executing Bash scripts generated in **n8n**. These scripts return either a JSON response or a string.

- All scripts are located in elements directly connected to the **SSH** element.
- You have full control over any script and can modify or execute it as needed.





# Add server

## Docker MinIO module WHMCS

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Add a new server to the system WHMCS.

System Settings->Servers->Add New Server

- Enter the correct **Name** and **Hostname**

|   |  |
|---|--|
| Name                                    | <input type="text" value="d01-test.uuq.pl"/>   |
| Hostname                                | <input type="text" value="d01-test.uuq.pl"/>   |
| IP Address                              | <input type="text"/>   |
| Assigned IP Addresses<br>(One per line) | <div></div>  |
| Monthly Cost                            | <input type="text" value="0.00"/>  |
| Datacenter/NOC                          | <input type="text"/>   |
| Maximum No. of<br>Accounts              | <input type="text" value="200"/>   |
| Server Status Address                   | <div><input type="text"/><br/>To display this server on the server status page, enter the full path to the server status folder (required to be uploaded to each server you want to monitor) - eg.<br/>https://www.example.com/status/</div> |
| Enable/Disable                          | <input type="checkbox"/> Check to disable this server  |

Attention: Important Information

The **hostname** field represents the actual domain of the server running Docker and must match the **server\_domain** parameter in the **n8n workflow**. If they do not match, communication will not function correctly.

Additionally, this domain must be configured so that all its subdomains resolve to the IP address of the server running Docker.

**Parameters** Test step

**Parameters** Settings Docs

Mode

Manual Mapping

Fields to Set

server\_domain

A String

d01-test.uuq.pl

[empty]

clients\_dir

A String

/opt/docker/clients

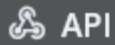
[empty]

In the **Server Details** section, select the **"PUQ Docker MinIO"** module and enter the correct **username** and **password** for the **API endpoint** in the n8n workflow.

Additionally, in the **Access Hash** field, insert the **URL of the API entry point** for the n8n workflow.

Server Details

|             |   |
|-------------|---|
| Module      | <div>PUQ Docker MinIO</div> <div>Test Connection</div> <div>✓ Connection successful. Some values have been auto-filled.</div> |
| Username    | <div>minio</div>  |
| Password    | <div>....</div>   |
| Access Hash | <div>https://n8n.puqcloud.com/webhook/docker-minio</div>  |
| Secure      | <div><input checked="" type="checkbox"/> Check to use SSL Mode for Connections</div>  |



API

Listen for test event

Parameters

Settings

Docs

Webhook URLs

Test URL

Production URL

POST

https://n8n.puqcloud.com/webhook/docker-minio

HTTP Methods

POST



Path

docker-minio

Authentication

Basic Auth

Credential for Basic Auth

Incom API User



Respond

Using 'Respond to Webhook' Node

Insert a 'Respond to Webhook' node to control when and how you respond. [More details](#)

Options

No properties

Add option

# Product Configuration

## Docker MinIO module **WHMCS**

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### Add new product to WHMCS

System Settings->Products/Services->Create a New Product

In the **Module settings** section, select the **"PUQ Docker MinIO"** module

Edit Product

Details Pricing **Module Settings** Custom Fields Configurable Options Upgrades Free Domain Cross-sells Other Links

Module Name: PUQ Docker MinIO

Server Group: None

License key: [REDACTED]  
success: 2025-04-09T17:58:30+02:00

**Disk space**  
1  
GB Ex: 1

**CPU**  
1  
Ex: 0.1

**RAM**  
1  
GB Ex: 0.1

**Link to instruction**  
https://puq.info/  
A link to the instruction will be reflected in the client area.

**Main domain**  
The main domain to which the container subdomain will be added  
If not filled in, the server domain will be used

**Subdomain**  
(unixtime)  
The app subdomain  
(user\_id), (service\_id), (random\_digit\_x), (random\_letter\_x)  
Unix time: (unixtime) Year: (year), Month: (month), Day: (day), Hour: (hour), Minute: (minute), Second: (second)

**Notification, used disk space X %**  
60

**Notification disk limit email template**  
puqDockerMinIO Notification disk limit

Metric Billing

Traffic IN (GB)  
Configure Pricing ☒

Traffic OUT (GB)  
Configure Pricing ☒

Switch to Advanced Mode

- **License key** – A pre-purchased license key for the **"PUQ Docker MinIO"** module. For the module to work correctly, the key must be active
- **Disk space** – defines the allocated disk size for the Docker container.
- **CPU** – sets the CPU usage limit for the Docker container.
- **RAM** – specifies the amount of RAM allocated to the Docker container.
- **Link to instruction** – URL to a guide that will be displayed in the client panel if provided.
- **Main domain** – defines the primary domain for the web interface of the application. If

not set, the main domain will be taken from the **hostname** parameter in the server settings.

- **Subdomain** – a personal subdomain assigned to each service. If left empty or if the subdomain is already taken, it will be automatically generated in the format **{user\_id}-{service\_id}**.
- 

## Supported Macros for **App Subdomain**:

- **{user\_id}** – Client ID
- **{service\_id}** – Service ID
- **{random\_digit\_x}** – Random number (x defines the length)
- **{random\_letter\_x}** – Random letter (x defines the length)
- **{unixtime}** – Unix timestamp
- **{year}, {month}, {day}, {hour}, {minute}, {second}** – Date and time values
- **Notification, used disk space X %** – The percentage value that sets the threshold for the container's disk space usage will trigger a notification message to the client once the threshold is reached.
- **Notification disk limit email template** – The email template for the notification that will be sent when the threshold is reached.

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To configure it, you need to enable the required metrics and set the desired prices. Metrics work based on the standard WHMCS mechanism, the description of which can be found [here](#):

[illegible]

# Configure Pricing



Traffic IN (GB)

Metric Type: Monthly

Metric Unit: GigaBytes

**Pricing**

Quantity Included

Scheme:

0.00

☒ Per Unit ⓘ ☐ Total Volume ⓘ ☐ Graduated ⓘ

| Price Per GB |      |      |      |
|--------------|------|------|------|
| PLN          | EUR  | UAH  | USD  |
| 1.00         | 1.00 | 1.00 | 1.00 |

Close

Save

# Email Template

## (puqDockerMinIO Welcome Email)

Docker MinIO module **WHMCS**

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Create an email template for customer notifications.

System Settings->Email Templates->Create New Email Template

- **Email Type:** Product/service
- **Unique Name:** puqDockerMinIO Welcome Email

Create New Email Template

Email Type

Product/Service

Unique Name

puqDockerMinIO Welcome Email

Cancel

Create

**Subject:**

## MinIO Order Information

### Body:

Dear {{client\_name}},

Your order has been accepted for implementation.

Product/Service: {{service\_product\_name}}

Payment Method: {{service\_payment\_method}}

Amount: {{service\_recurring\_amount}}

Billing Cycle: {{service\_billing\_cycle}}

Next Due Date: {{service\_next\_due\_date}}

The installation and setup of your MinIO instance is in progress.

Within the next 4 minutes, you will be able to use your MinIO instance.

Upon your first login, you will need to create an account.

Here is the link to your MinIO server.

[https://console.{{service\\_domain}}/](https://console.{{service_domain}}/)

Thank you for choosing us.




{{signature}}





















Subject:

File Edit View Insert Format Table Help

Paragraph Verdana 11pt

**B** *I* ~~S~~ U A **A**

Dear **{ \$client\_name }**,

Your order has been accepted for implementation.

Product/Service: **{ \$service\_product\_name }**  
Payment Method: **{ \$service\_payment\_method }**  
Amount: **{ \$service\_recurring\_amount }**  
Billing Cycle: **{ \$service\_billing\_cycle }**  
Next Due Date: **{ \$service\_next\_due\_date }**

The installation and setup of your **MinIO** instance is in progress.  
Within the next 4 minutes, you will be able to use your **MinIO** instance.

Upon your first login, you will need to create an account.

Here is the link to your **MinIO** server.

**[https://console.{ \\$service\\_domain }/](https://console.{ $service_domain }/)**

Thank you for choosing us.

**{ \$signature }**

P

82 WORDS POWERED BY TINYMCE

# Email Template

## (puqDockerMinIO Update Email)

Docker MinIO module **WHMCS**

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Create an email template for customer notifications.

System Settings->Email Templates->Create New Email Template

- **Email Type:** Product/service
- **Unique Name:** puqDockerMinIO Update Email

Create New Email Template

Email Type

Product/Service

Unique Name

puqDockerMinIO Update Email

Cancel

Create

Subject:

## MinIO Update Information

### Body:

Dear {\$client\_name},

Your instance is currently being updated.

You will be able to use your MinIO server again within 3 minutes.

Here is the link to your MinIO server.

[https://console.{\\$service\\_domain}/](https://console.{$service_domain}/)

Thank you for choosing us.





{\$signature}






















Subject: 

MinIO Update Information

File Edit View Insert Format Table Help

Paragraph Verdana 11pt

**B** *I* ~~S~~ U A A    

Dear **{ \$client\_name }**,

Your instance is currently being updated.  
You will be able to use your **MinIO** server again within 3 minutes.

Here is the link to your **MinIO** server.

[https://console.{ \\$service\\_domain }/](https://console.{ $service_domain }/)

Thank you for choosing us.

{ \$signature }

P

38 WORDS POWERED BY TINYMCE

# Email Template (puqDockerMinIO Notification disk limit)

Docker MinIO module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#) | [n8n](#)

Create an email template for customer notifications.

System Settings->Email Templates->Create New Email Template

- **Email Type:** Product/service
- **Unique Name:** puqDockerMinIO Notification disk limit

## Create New Email Template

Email Type

Product/Service

Unique Name

puqDockerMinIO Notification disk limit

Cancel

Create

**Subject:**

Disk space usage {{\$disk\_used\_percentage}}%

**Body:**

Dear {{\$client\_name}},

We want to inform you that your MinIO service is running low on disk space.  
Please take action to prevent service interruptions.

Service Details:

Product/Service: {{\$service\_product\_name}}

Domain: {{\$service\_domain}}

Total Disk Space: {{\$disk\_total}}

Used Disk Space: {{\$disk\_used}} ({{\$disk\_used\_percentage}}%)

Consider freeing up space or upgrading your plan if needed.

{{\$signature}}

Subject: 

Disk space usage {{disk\_used\_percentage}}%

FileEditViewInsertFormatTableHelp

ParagraphVerdana11ptBBIUAALinkUnlinkListList

AlignJustifyQuoteUndoRedoCutCopyPasteTableHorizontalRuleOmegaImageVideoPrintFullscreenFindCodeLink

Dear {{client\_name}},

We want to inform you that your **MinIO** service is running low on disk space.  
Please take action to prevent service interruptions.

**Service Details:**

- **Product/Service:** {{service\_product\_name}}
- **Domain:** {{service\_domain}}
- **Total Disk Space:** {{disk\_total}}
- **Used Disk Space:** {{disk\_used}} ({{disk\_used\_percentage}}%)

Consider freeing up space or upgrading your plan if needed.

{{signature}}

P

58 WORDS POWERED BY TINYMCE

# Admin Area

# Product Information

## Docker MinIO module **WHMCS**

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## Admin Panel - Container Management Overview

The **admin panel** is structured into two main sections with additional control buttons for container management.

### Control Buttons

- **Container Start / Stop** – Start or stop the running container.
- **Mount Disk / Unmount Disk** – Attach or detach the container's disk to the host system. This modifies the **fstab** file to ensure proper mounting.

### Container Status & Resource Monitoring

- **Status** – Displays the current state (Running / Stopped).
- **Name** – Unique identifier and domain of the container.
- **CPU Usage** – Shows current CPU load.
- **Memory Usage** – Displays RAM consumption in real-time.
- **Disk IO & Disk Mounted** – Tracks disk input/output operations.
- **Disk File** – Indicates the actual disk image size.
- **Network IO** – Shows network traffic statistics.
- **Log Button** – Loads and displays the container logs for debugging and monitoring.

### Application Information

- **Version** – Displays the installed application version.
- **Owner** – Administrator managing the application.
- **Users** – List of assigned users with access to the application.

Server

d01-test.uuq.pl (2/200 Accounts)

Domain

1741969814.d01-test.uuq.pl

Dedicated IP

Username

befDzX

Password

GEpChGju

Status

Active

Recurring Amount

0.00

Recalculate on Save

No

Next Due Date

N/A

Termination Date

Billing Cycle

Free

Payment Method

PayPal

Promotion Code

None

Module Commands

Create

Suspend

Unsuspend

Terminate

Change Package

Container Start

Container Stop

Mount disk

Unmount disk

API Connection status

API Connection OK

Refresh

Log

Status

Running

Name

1741969814.d01-test.uuq.pl (f36febde549a)

CPU usage

99.97%

Memory usage

120.5MiB / 1GiB

11.77%

88.23%

Disk IO

483kB / 12.7MB

Disk mounted

160K/974M

99%

Disk file

37M

Network IO

172kB / 13.2MB

Product/Service

Docker MiniIO 10

Server

d01-test.uuq.pl (2/200 Accounts)

Domain

1741969814.d01-test.uuq.pl

Dedicated IP

Username

befDzX

Password

GEpChGju

Status

Active

Quantity

1

First Payment Amount

0.00

Recurring Amount

0.00

Recalculate on Save

No

Next Due Date

N/A

Termination Date

Billing Cycle

Free

Payment Method

PayPal

Promotion Code

None

Module Commands

Create

Suspend

Unsuspend

Terminate

Change Package

Container Start

Container Stop

Mount disk

Unmount disk

API Connection status

API Connection OK

Refresh

Log

INFO: Formatting 1st pool, 1 set(s), 1 drives per set.

INFO: WARNING: Host local has more than 0 drives of set. A host failure will result in data becoming unavailable.

MinIO Object Storage Server

Copyright: 2015-2025 MinIO, Inc.

License: GNU AGPLv3 - https://www.gnu.org/licenses/agpl-3.0.html

Version: RELEASE.2025-02-28T09-55-16Z (go1.23.6 linux/amd64)

API: http://172.26.0.4:9000 http://127.0.0.1:9000

WebUI: https://console.1741969814.d01-test.uuq.pl

Docs: https://docs.min.io

INFO:

You are running an older version of MinIO released 1 week before the latest release

Update: Run `mc admin update ALIAS`

Refresh

Version

RELEASE.2025-02-28T09-55-16Z

Users

Metric Statistics

Metric Statistics

| Metric           | Enabled | Current Usage | Last Update                 |               |  |  |
|------------------|---------|---------------|-----------------------------|---------------|--|--|
| Traffic IN (GB)  | ✓       | 0.00 GB       | 4 hours ago                 |               |  |  |
| Traffic OUT (GB) | ✓       | 0.01 GB       | 4 hours ago                 |               |  |  |
|                  |         |               | <a href="#">Refresh Now</a> |               |  |  |
| Reg Date         | Name    | Pricing       | Status                      | Next Due Date |  |  |

Address

# Client Area

# Home screen

Docker MinIO module **WHMCS**

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## Client Area Overview - Logical Structure

The **main screen** of the client area is divided into **three logical sections**:

### 1. Navigation Block

- **"Go to MinIO"**: Direct link to access the application.
- **"User Manual"**: Opens the official documentation or user guide.

### 2. Resource Usage Block

- Displays real-time statistics on container resource usage:
  - **CPU Usage**: Number of allocated CPUs and current load.
  - **Memory Usage**: RAM consumption, helping clients understand available capacity.
  - **Disk Usage**: Storage consumption within the container.
- This section is crucial for users to **monitor performance** and determine whether they need to **upgrade their package**.

### 3. Application Information & Controls

- **Application Version**: Displays the installed software version.
- **Owner Information**: Indicates the primary administrator of the application.
- **User List**: Shows active users associated with the instance.
- **Reset Password Button**: Allows the client to reset the administrator password for the application.

This **clear structure** ensures that users have **quick access** to their application, **real-time monitoring** of resource usage, and **essential management functions** in one place.



Go to MinIO



User manual



Status:

running



CPU usage:

1 CPU

99.63%



Memory usage:

120.7MiB / 1GiB

11.79%

88.21000000000001%



Disk usage:

128K / 974M

99%

MINIO

Web Console: <https://console.1741969814.d01-test.uuq.pl/>



REST API:

<https://1741969814.d01-test.uuq.pl>



Username:

befDzX



Password:

.....



Change Administrator Password



Version:

RELEASE.2025-02-28T09-55-16Z



Administrator:

befDzX



Users:

## Change Administrator Password



Generate



Save

CPU usage:

99.63%

Memory usage:

120.7MiB / 1GiB

11.79%

88.21000000000001%

Disk usage:

128K / 974M

99%

MINIO

Web Console: <https://console.1741969814.d01-test.uuq.pl/>

&lt;/&gt; REST API:

<https://1741969814.d01-test.uuq.pl>

Username:

befDzX



Password:

.....



Change Administrator Password

Version:

RELEASE.2025-02-28T09-55-16Z

Administrator:

befDzX

Users:

# IP Access Control

## Docker MinIO module **WHMCS**

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In the client area, the client can configure access to their resource by entering allowed IP addresses in the appropriate section on the **Restrict by IP** page.

If no IP addresses are specified, access is open to all IP addresses.

★ Overview ^

i Information

**🛡️ Restrict by IP**

↺ Reinstall

### IP Access Control

If IP is not specified, access is not limited

https://console.1741969814.d01-test.uuq.pl

👤 Web Console:

Enter allowed IPs, one per line

https://1741969814.d01-test.uuq.pl

</> REST API:

Enter allowed IPs, one per line

💾 Save

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# Reinstall

## Docker MinIO module **WHMCS**

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The client has the option to **fully reinstall the application**, which will result in **complete data loss**.

This action can be performed on the **Reinstall** page, which also includes **protection against accidental reinstallation**.



[Home](#) [Services](#) [Domains](#) [Billing](#) [Support](#) [Open Ticket](#)

Hello, ruslan!

[Portal Home](#) / [Client Area](#) / [My Products & Services](#) / [Product Details](#)

|                        |   |
|------------------------|---|
| ★ Overview             | ^ |
| i Information          |   |
| 🛡️ Restrict by IP      |   |
| ↺↻ Reinstall           |   |
| 🔧 Actions              | ^ |
| ⬆️ Upgrade/Downgrade   |   |
| 🚫 Request Cancellation |   |

You are in the area of reinstalling service.

You must be aware of what you will do here.

Reinstalling the service, completely remove all data.

To protect against accidental reinstallation.

Please enter the word: **reinstall** In capital letters.

↺↻ Reinstall


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# Metrics

## Docker MinIO module WHMCS

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If you use metrics for application traffic billing, the Metrics tab will display the usage statistics for the metrics.



Docker MinIO 10  
Docker MinIO

ACTIVE

Registration Date

Friday, March 7th, 2025

Recurring Amount

\$0.00

Billing Cycle


Free Account


Next Due Date

-

Payment Method

PayPal

 Manage

 Metrics

This product has usage-based billing charges in addition to the base price. Usage metrics and their pricing information are displayed below.

| Metric           | Current Usage | Pricing     | Last Update |
|------------------|---------------|-------------|-------------|
| Traffic IN (GB)  | 1.21 GB       | \$1.00 / GB | 2 hours ago |
| Traffic OUT (GB) | 0.16 GB       | \$1.00 / GB | 2 hours ago |