

# Docker n8n WHMCS module

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

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# Description

## Docker n8n 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 n8n module** is designed for automated provisioning and management of n8n instances on a Docker server. It seamlessly integrates with WHMCS, allowing businesses to sell and manage n8n services efficiently.

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## Key Features

### ☐☐ Automated Container Management

- Automatic creation of an n8n container upon service order.
- Automated package upgrades and administrator password reset.

### ☐☐ Service Control & Security

- Service suspension and reactivation.
- Full termination of services when needed.

### ☐☐ 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 n8n module, ensure you have:

🗂 **WHMCS version 8+**

🗂 **An n8n server** for workflow automation

🗂 **A server with Docker installed** for container management

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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.

## 2 🗂 Module Installation

- Upload and activate the **WHMCS Docker n8n 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 (suspension, unlocking, 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.

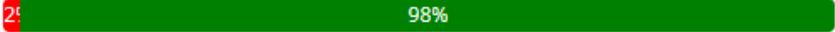
---

This module makes selling and managing **n8n instances** through WHMCS easy, automated, and flexible! ☑☑

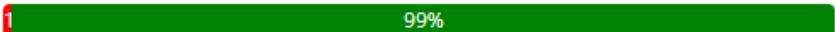
 Go to n8n

 User manual

 Status: running

 CPU usage: 2 CPU  
 98%

 Memory usage: 170.9MiB / 1GiB  
 16.69% 83.31%

 Disk usage: 440K / 2.0G  
 99%



<https://n8n-1-5324.app.d01-test.uuq.pl/>

 [Change Owner Password](#)

 Version: 1.78.1

 Owner: it@puq.pl

 Users: test1@puqcloud.com, test@puqcloud.com

Status Active

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

Container

Refresh Log

Status	Running
Name	n8n-1-5324.app.d01-test.uuq.pl (200b243e4dd0)
CPU usage	99.92%
Memory usage	171.2MiB / 1GiB 16.72% 83.28%
Disk IO	8.19KB / 48.4MB
Disk mounted	440K/2.0G 99%
Disk file	69M
Network IO	1MB / 51.6MB

App

Refresh

Version	1.78.1
Owner	it@puq.pl
Users	test1@puqcloud.com, test@puqcloud.com

Welcome to PUG Docker n8n deploy!

### Template for n8n: API Backend for WHMCS/WISECP by PUGcloud

This is an AWS template that creates an API backend for the WHMCS/WISECP module developed by PUGcloud.

#### Setup Instructions

- Configure API Webhook and SSH Access
  - Create a Container (Block Public) for the Webhook API Block in IAM.
  - Create a Container for SSH access to a server with Docker installed (SSH Block).
- Install Required Packages on the Docker Server
  - Run the following command on your server:

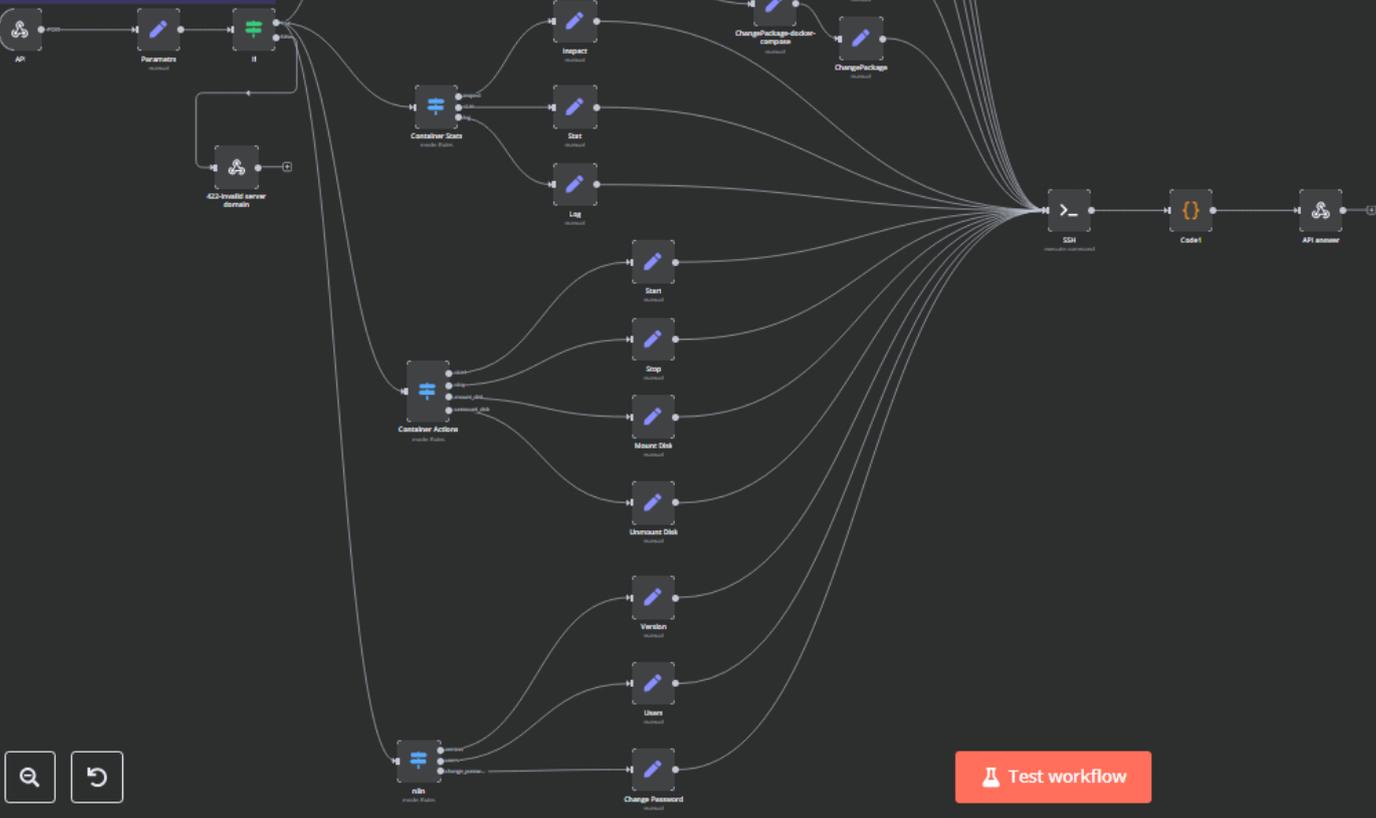
```
apt-get install curltar apache2-utils -y
```
- Modify Template Parameters
  - In the Parameters block of the template, update the following settings:
  - `server_ip` - Must match the domain of the WHMCS/WISECP Docker server.
  - `server_port` - Directory where user data related to Docker and disks will be stored.
  - `server_user` - Default root user for the container (do not recommend to be changed).

Do not modify the following individual parameters:

  - `server_path`
  - `server_url`

#### Additional Resources

- Full documentation: [Wiki/Docs](#)
- Docker WHMCS/WISECP module: [https://github.com/pugcloud](#)



Test workflow

# What is n8n

## Docker n8n module **WHMCS**

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**n8n** is an open-source, workflow automation platform designed to simplify and streamline processes by integrating different services, APIs, and applications. It provides an intuitive and customizable way to automate repetitive tasks, connect systems, and create complex workflows without writing a single line of code.

### Key Features of n8n:

#### 1. **Open-Source and Self-Hosted**

One of the standout features of n8n is that it is completely open-source. This means that you have full control over your workflows and data. You can host n8n on your own servers or use it in cloud environments, ensuring maximum flexibility and customization to fit your business needs.

#### 2. **Drag-and-Drop Interface**

n8n provides a user-friendly drag-and-drop interface that allows you to create workflows visually. This makes it easy for both technical and non-technical users to design automation processes. With just a few clicks, you can integrate different services, set triggers, and map out complex logic in your workflows.

#### 3. **Wide Integration Support**

n8n supports integrations with over 200 different apps and services, including popular tools like Google Sheets, Slack, GitHub, and Salesforce, as well as hundreds of APIs. This extensive range of integrations means that n8n can be used in virtually any industry, whether it's automating business processes, synchronizing data, or managing communications.

#### 4. **Powerful Workflow Logic**

n8n allows you to design workflows with powerful logic capabilities. You can use conditional statements, loops, data transformation, and even error handling within your workflows. This enables the creation of sophisticated automations that can handle a wide range of tasks, from simple data transfers to complex multi-step processes.

#### 5. **Self-Hosting and Privacy**

With n8n, you have the option to host your workflows on your own infrastructure, giving you full control over the data and ensuring privacy. This is particularly important for businesses that require compliance with data protection regulations or have sensitive

information that should not leave their environment.

## 6. **Scalability**

n8n can scale with your business. Whether you're running a few simple automations or thousands of complex workflows, n8n's architecture supports scaling horizontally. You can easily add more workers to handle increased load or deploy it in a distributed setup to ensure high availability.

## 7. **Version Control and Collaboration**

n8n allows you to use version control for your workflows, making it easy to track changes and collaborate with team members. You can export workflows, share them with others, and keep a history of changes for better collaboration and version management.

## 8. **Extensible with Custom Nodes**

One of n8n's greatest strengths is its extensibility. If the integrations you need aren't available out of the box, you can easily create your own custom nodes using JavaScript. This makes n8n adaptable to almost any business need, no matter how niche.

# Why Choose n8n?

n8n stands out in the world of workflow automation because it offers a powerful and flexible solution that is both user-friendly and highly customizable. As an open-source tool, n8n provides a level of control and privacy that is hard to find in many commercial automation platforms. Its extensive integrations, scalability, and easy-to-use interface make it suitable for businesses of all sizes, from startups to large enterprises.

Moreover, n8n's self-hosting option means that you can have full control over your automations, ensuring that your sensitive data stays within your network, which is crucial for businesses with privacy concerns.

# Use Cases for n8n

n8n can be used across various industries and use cases, such as:

- **Automating Business Processes:** Streamline tasks like invoice generation, data entry, or project management.
- **Data Synchronization:** Sync data between various platforms such as CRM, databases, and marketing tools.
- **API Integration:** Automate interactions between different services without manually coding complex API requests.
- **Custom Workflows:** Build and automate workflows specific to your business, such as custom notifications, alerts, and reporting systems.
- **Customer Communication:** Automate email, SMS, or chat notifications to improve customer engagement.

# Conclusion

n8n provides a flexible, powerful, and open-source alternative to commercial workflow automation platforms. With its user-friendly interface, broad integration options, and robust logic capabilities,

it enables users to automate tasks across various applications with minimal effort. Whether you need simple automations or complex, multi-step workflows, n8n offers an easy way to automate, save time, and increase efficiency within your business.

# Changelog

## Docker n8n module **WHMCS**

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v1.0 Released 17-03-2025

First version

# Installation and configuration guide

# Basic concepts and requirements

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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 n8n module** is part of the **WHMCS Docker module series** developed by **PUQcloud**. This module enables service providers to offer **n8n 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
- ☑ **SQLite3** – For lightweight database operations
- ☑ **Apache2-utils** – For authentication and performance enhancements

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.

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# 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 n8n 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-n8n/php82/PUQ_WHMCS-Docker-n8n-latest.zip
```

PHP 8.1

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-n8n/php81/PUQ_WHMCS-Docker-n8n-latest.zip
```

PHP 7.4

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-n8n/php74/PUQ_WHMCS-Docker-n8n-latest.zip
```

All versions are available via link:

[https://download.puqcloud.com/WHMCS/servers/PUQ\\_WHMCS-Docker-n8n/](https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-n8n/)

## 2. Unzip the archive with the module.

```
unzip PUQ_WHMCS-Docker-n8n-latest.zip
```

## 3. Copy and Replace "puqDockerN8N" from "PUQ\_WHMCS-Docker-n8n" to "WHMCS\_WEB\_DIR/modules/servers/"

# Preparing Docker Server

Docker n8n 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 n8n module **WHMCS**

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## Overview

The **Docker n8n 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:

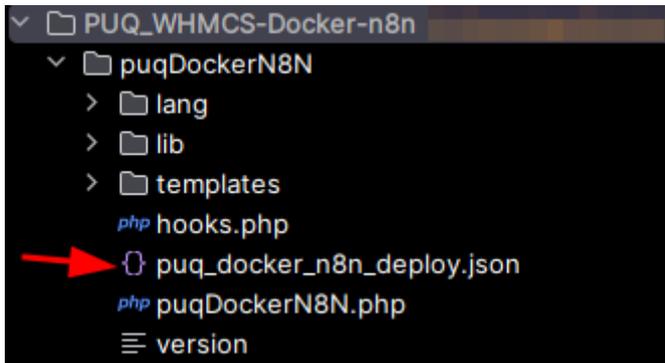
#### **Option 1: Use the Latest Version from the n8n Marketplace**

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

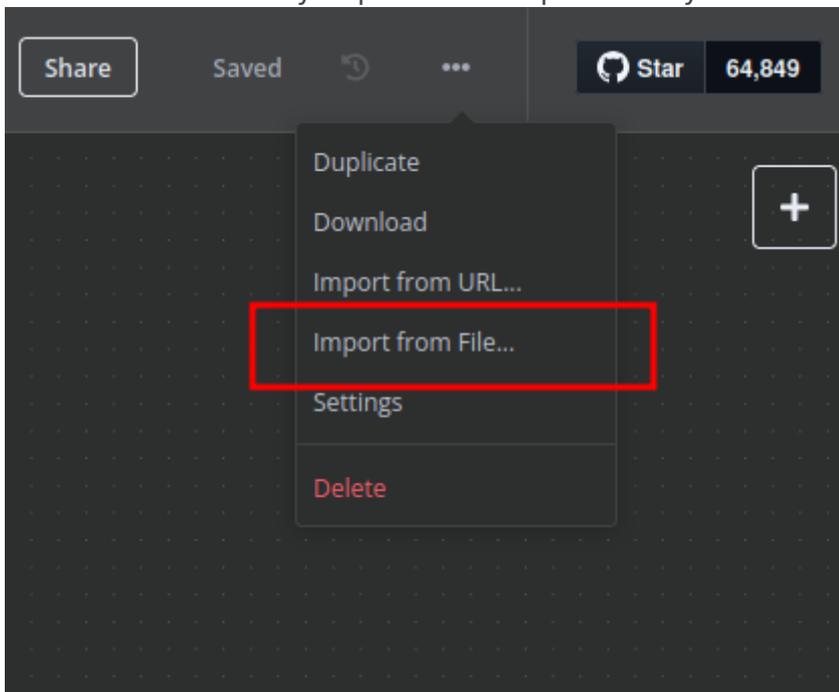
- Visit our profile to access all available templates: [PUQcloud on n8n](#)

## 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.

### 3. Modify Template Parameters

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

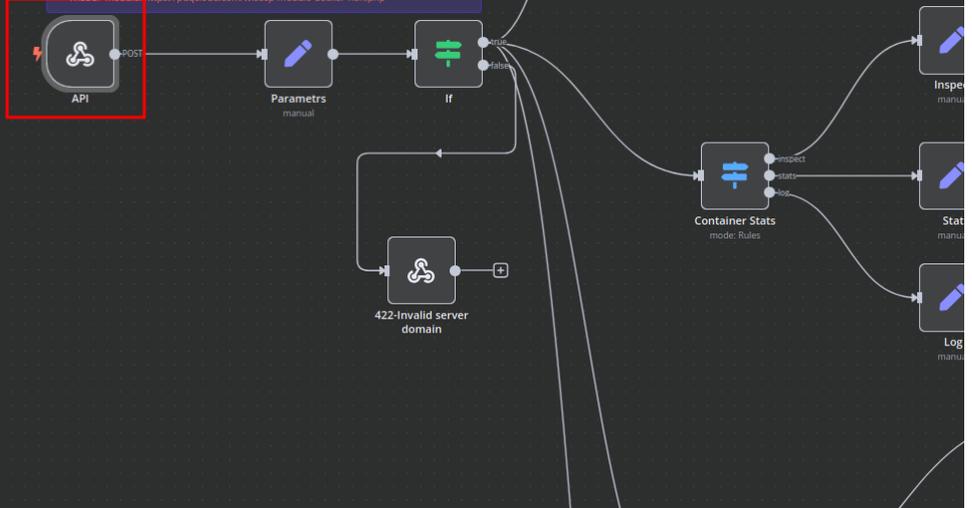
- `server_domain` – must match the domain of the WHMCS/WISECP Docker server.
- `clients_dir` – directory where user data related to Docker and disks will be stored.
- `mount_dir` – default mount point for the container disk (recommended not to change).

Do not modify the following technical parameters:

- `screen_left`
- `screen_right`

#### Additional Resources

- Full documentation: <https://doc.puq.info/books/docker-n8n-whmcs-module>
- WHMCS module: <https://puqcloud.com/whmcs-module-docker-n8n.php>
- WISECP module: <https://puqcloud.com/wisecp-module-docker-n8n.php>



### 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](#)

When will this node trigger my flow? ▼

### API

[Listen for test event](#)

Parameters Settings Docs

Webhook URLs

Test URL Production URL

POST `https://n8n.puqcloud.com/webhook-test/docker-n8n`

HTTP Methods

POST

Path

docker-n8n

Authentication

Basic Auth

Credential for Basic Auth

Incom API User

**+ Create new credential**

Options

No properties

Add option

API credential  
Basic Auth

Save

Connection

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

Sharing

Details

User

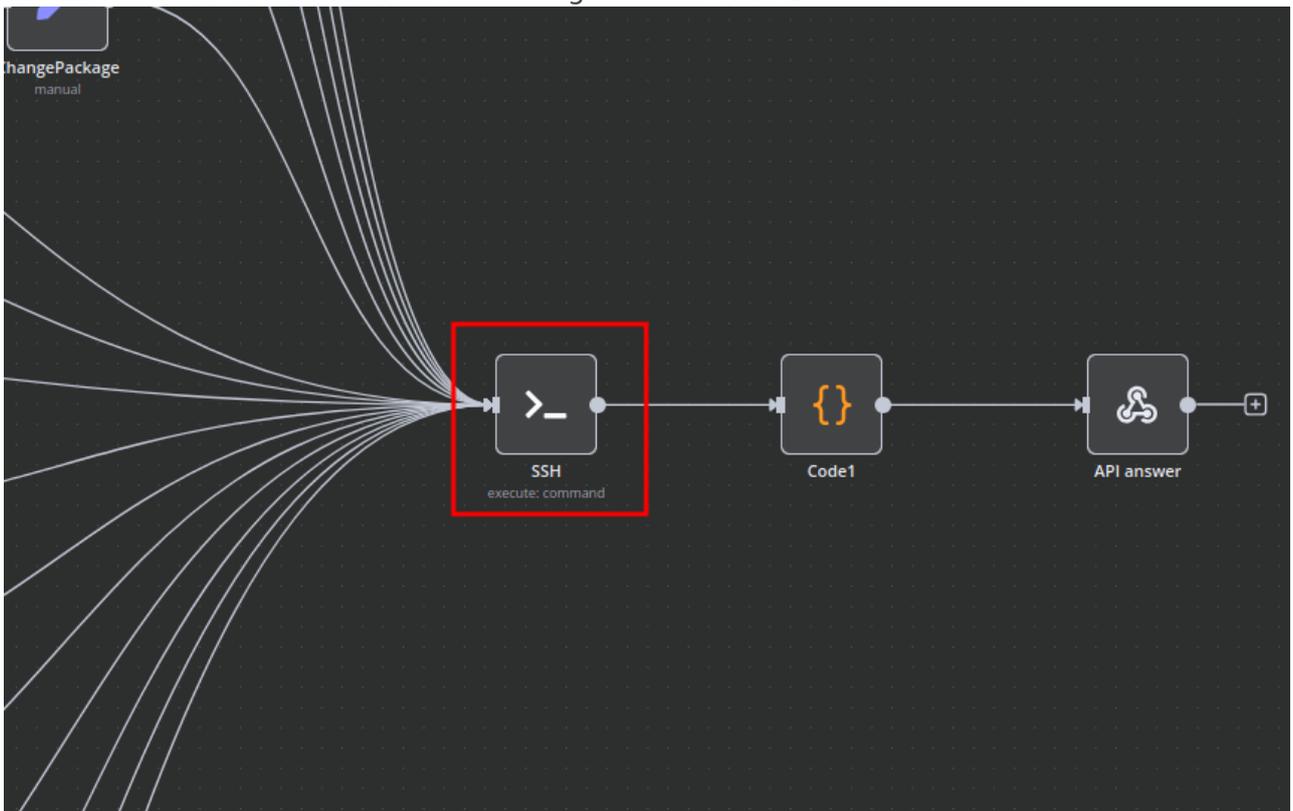
test

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

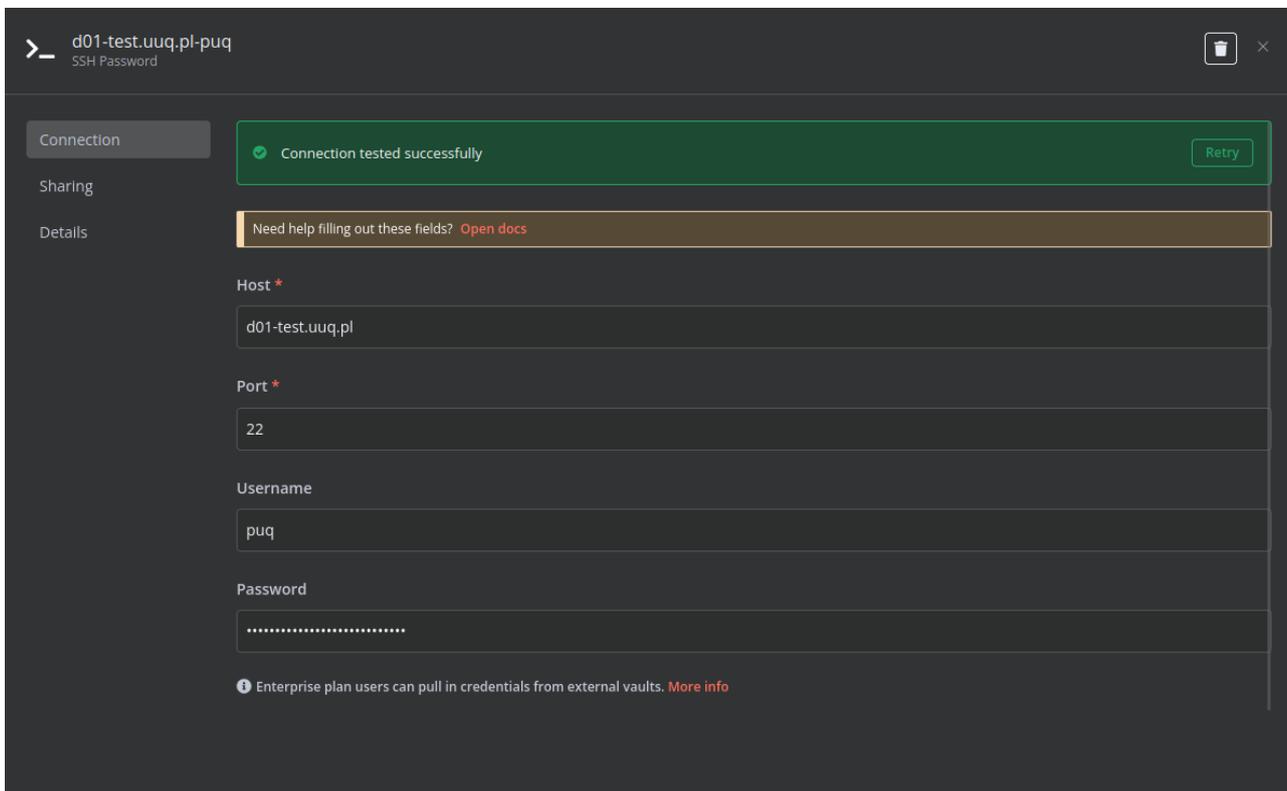
Execute

Command

fx {{ \$json.sh }}

Working Directory

fx /



# Modify Template Parameters

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

### 3. Modify Template Parameters

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

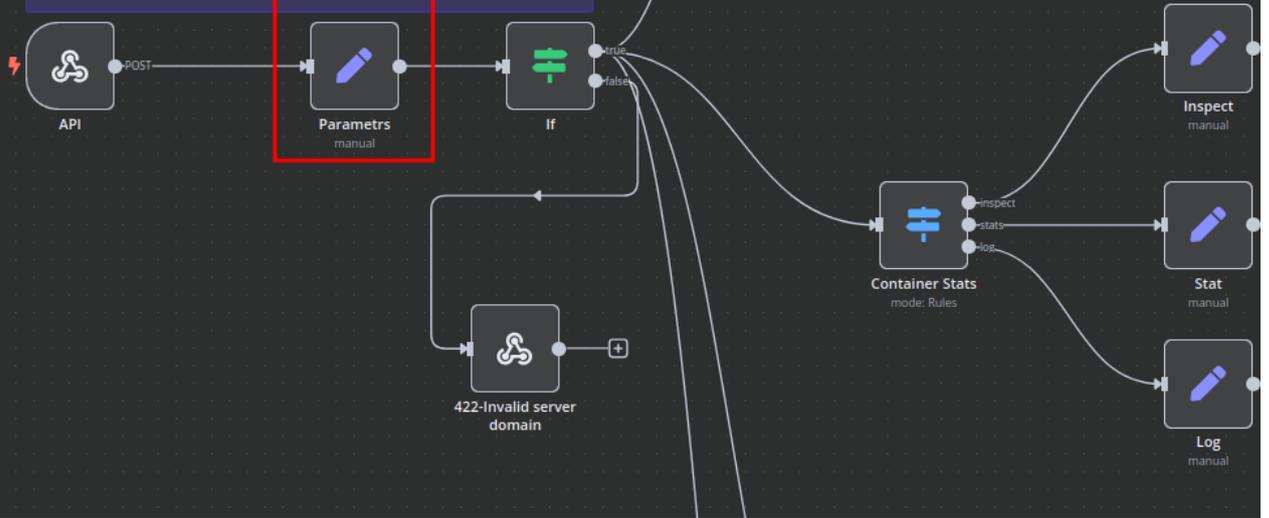
- `server_domain` – must match the domain of the WHMCS/WISECP Docker server.
- `clients_dir` – directory where user data related to Docker and disks will be stored.
- `mount_dir` – default mount point for the container disk (recommended not to change).

Do not modify the following technical parameters:

- `screen_left`
- `screen_right`

#### Additional Resources

- Full documentation: <https://doc.puq.info/books/docker-n8n-whmcs-module>
- WHMCS module: <https://puqcloud.com/whmcs-module-docker-n8n.php>
- WISECP module: <https://puqcloud.com/wisecp-module-docker-n8n.php>



 **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]

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).

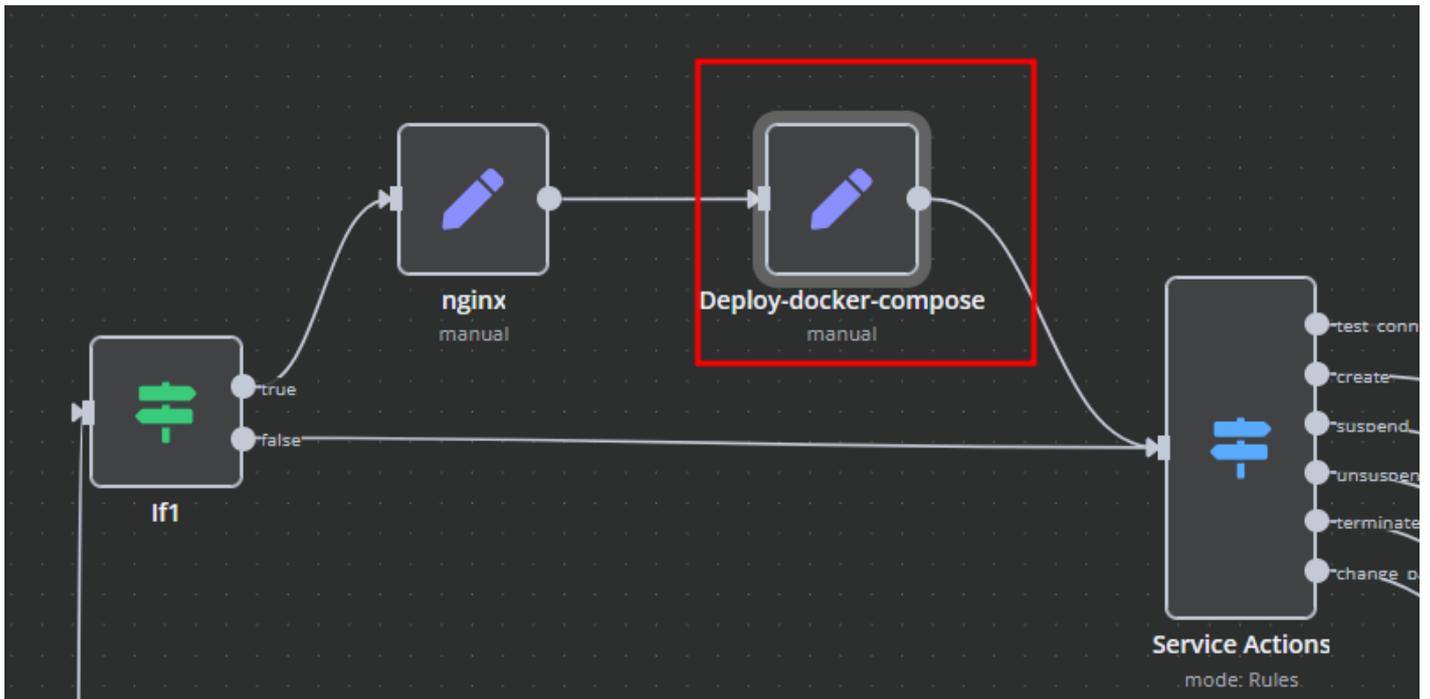
**Do not modify** the following technical parameters:

- `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](#)

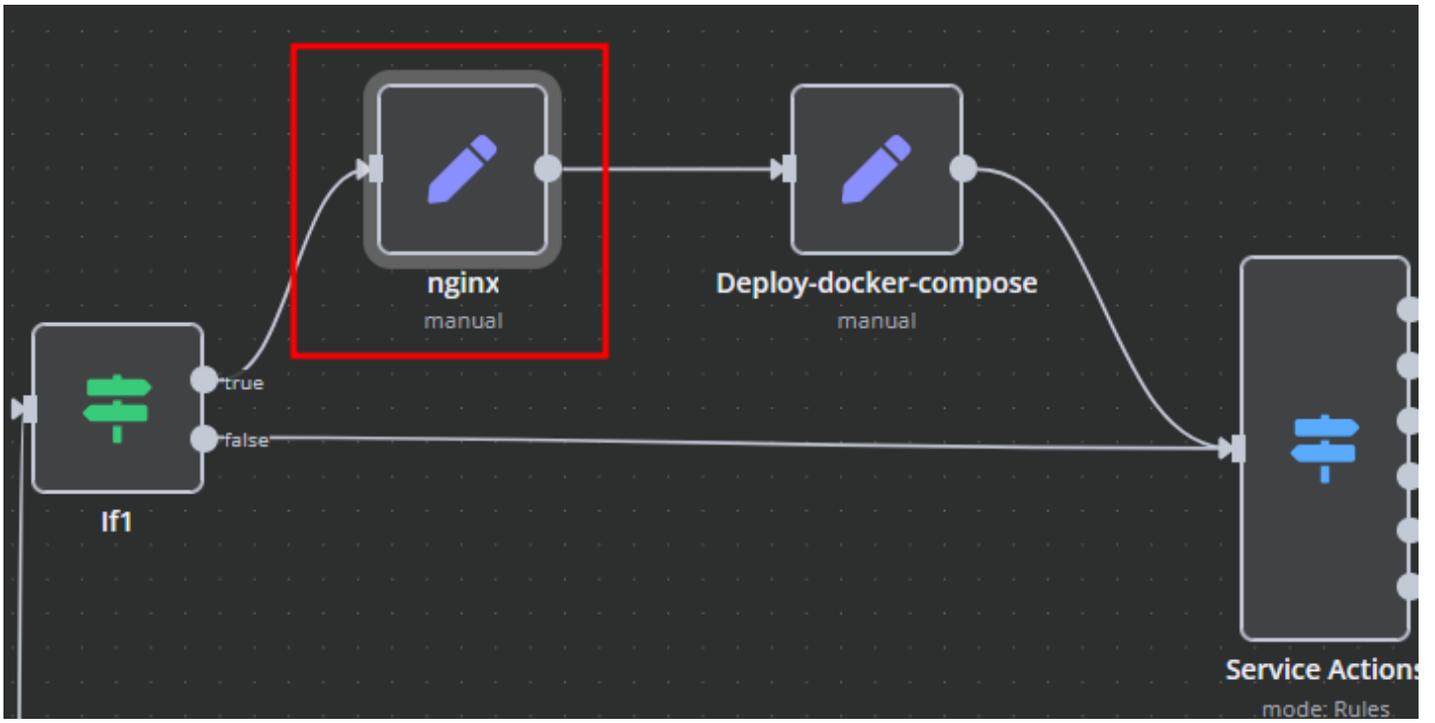
```
version: "3"
services:
  n8n-{{ $('API').item.json.body.domain }}:
    image: n8nio/n8n
    restart: unless-stopped
    container_name: {{ $('API').item.json.body.domain }}
    environment:
      - VIRTUAL_HOST={{ $('API').item.json.body.domain }}
      - LETSENCRYPT_HOST={{ $('API').item.json.body.domain }}
      - WEBHOOK_URL=https://{{ $('API').item.json.body.domain }}
    volumes:
      - {{ $('Params').item.json.mount_dir }}/{{ $('API').item.json.body.domain }}:/home/
node/.n8n
  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.



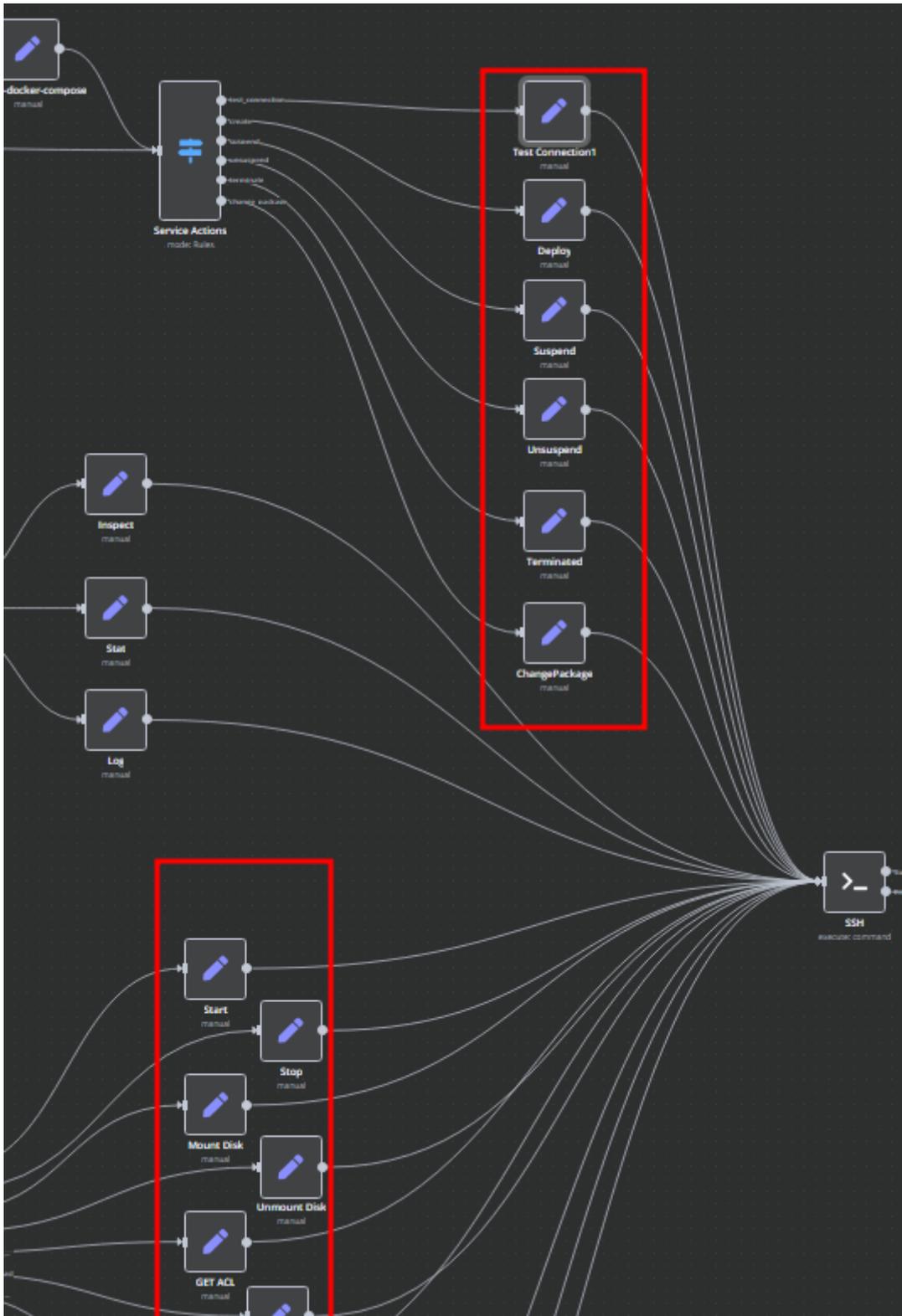
The screenshot shows the nginx configuration editor interface. At the top left is the 'nginx' logo. On the top right, there is a 'Test step' button. Below the logo, there are two tabs: 'Parameters' (which is selected) and 'Settings'. To the right of these tabs is a 'Docs' link with an external icon. The main area is titled 'Mode' and has a dropdown menu set to 'Manual Mapping'. Below this is the 'Fields to Set' section, which contains two configuration blocks. The first block is for the 'main' context, with a type of 'String'. It contains the following configuration lines: `ignore_invalid_headers off;`, `client_max_body_size 0;`, `proxy_buffering off;`, and `proxy_request_buffering off;`. Below the code is a summary line: `ignore_invalid_headers off; client_max_body_size 0; proxy_buffering off; proxy_request_buffering off;`. The second block is for the 'main\_location' context, also with a type of 'String'. It contains the line `# Custom header`. Below this is another summary line: `# Custom header`. A dashed box below the configuration blocks contains the text 'Drag input fields here or **Add Field**'. At the bottom of the configuration area, there is a toggle for 'Include Other Input Fields', which is currently turned off. Below this is the 'Options' section, which shows 'No properties' and an 'Add option' button.

# 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

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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 (One per line)	<input type="text"/>
Monthly Cost	<input type="text" value="0.00"/>
Datacenter/NOC	<input type="text"/>
Maximum No. of Accounts	<input type="text" value="200"/>
Server Status Address	<input type="text"/> 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. <a href="https://www.example.com/status/">https://www.example.com/status/</a>
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.

The screenshot shows a configuration interface for parameters. At the top, there is a 'Test step' button. Below it, there are tabs for 'Parameters', 'Settings', and 'Docs'. The 'Mode' is set to 'Manual Mapping'. Under the 'Fields to Set' section, there are two fields: 'server\_domain' and 'clients\_dir'. The 'server\_domain' field is set to 'd01-test.uuq.pl' and the 'clients\_dir' field is set to '/opt/docker/clients'.

In the **Server Details** section, select the **"PUQ Docker n8n"** 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	PUQ Docker n8n 	<input type="button" value="Test Connection"/>
	<div style="background-color: #e0f0e0; padding: 5px;">✔ Connection successful. Some values have been auto-filled.</div>	
Username	<input type="text" value="test"/>	
Password	<input type="password" value="...."/>	
Access Hash	<div style="border: 1px solid #ccc; padding: 5px; min-height: 100px;">https://n8n.puqcloud.com/webhook/docker-n8n</div>	
Secure	<input type="checkbox"/> Check to use SSL Mode for Connections	

Webhook URLs

Test URL

Production URL

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

HTTP Methods

POST

Path

docker-n8n

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

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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 n8n"** module

Products/Services

Edit Product

The screenshot shows the WHMCS 'Edit Product' interface for the 'PUQ Docker MiniO' module. The 'Module Settings' tab is active. The 'Module Name' is set to 'PUQ Docker MiniO' and the 'Server Group' is 'None'. The 'License key' field shows a success message: 'success: 2025-04-09T17:58:30+02:00'. The 'Disk space' field is set to '1' GB. The 'CPU' field is set to '1' with an example of '0.1'. The 'RAM' field is set to '1' GB. The 'Link to instruction' field contains 'https://puq.info/'. The 'Main domain' field is empty. The 'Subdomain' field is set to '{unixtime}'. The 'Notification, used disk space X%' field is set to '60'. The 'Notification disk limit email template' is set to 'puqDockerMiniO Notification disk limit'. At the bottom, there are two toggle switches for 'Metric Billing': 'Traffic IN (GB)' is turned ON and 'Traffic OUT (GB)' is also turned ON.

- **License key** - A pre-purchased license key for the **"PUQ Docker n8n"** 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.

# Metric Billing

## Docker n8n module **WHMCS**

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To bill certain metrics separately, you can use the standard WHMCS Metric Billing mechanism.

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:

<https://docs.whmcs.com/products/configuration-options/usage-billing/>

Products/Services

Edit Product

The screenshot shows the WHMCS 'Edit Product' configuration page. At the top, there are navigation tabs: Details, Pricing, Module Settings, Custom Fields, Configurable Options, Upgrades, Free Domain, Cross-sells, Other, and Links. The 'Pricing' tab is active. Below the tabs, there are several sections for configuring the product. At the bottom of the page, there is a 'Metric Billing' section highlighted with a red border. This section contains two toggle switches: 'Traffic IN (GB)' and 'Traffic OUT (GB)'. Both switches are currently turned 'ON' and have a 'Configure Pricing' link below them. A 'Switch to Advanced Mode' link is visible in the bottom right corner of the configuration area.

## 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 (puqDockerN8N Welcome Email)

Docker n8n 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:** puqDockerN8N Welcome Email

### Create New Email Template ×

**Email Type**

Product/Service ▾

**Unique Name**

puqDockerN8N Welcome Email

**Subject:**

## n8n 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 n8n instance is in progress.

Within the next 4 minutes, you will be able to use your n8n instance.

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

Here is the link to your n8n server.

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

Thank you for choosing us.

{\$signature}

Subject: n8n Order Information

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 **n8n** instance is in progress.  
Within the next 4 minutes, you will be able to use your **n8n** instance.

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

Here is the link to your n8n server.

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

Thank you for choosing us.

{ \$signature }

P 82 WORDS POWERED BY TINYMCE

# Email Template (puqDockerN8N Update Email)

Docker n8n 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:** puqDockerN8N Update Email

## Create New Email Template

Email Type

Product/Service

Unique Name

puqDockerN8N Update Email

Cancel

Create

**Subject:**

n8n Update Information

**Body:**

Dear {\$client\_name},

Your instance is currently being updated.

You will be able to use your n8n server again within 3 minutes.

Here is the link to your n8n server.

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

Thank you for choosing us.

{\$signature}

Subject: n8n Update Information

File Edit View Insert Format Table Help

Paragraph Verdana 11pt **B** *I* ~~S~~ U A     

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

Your instance is currently being updated.

You will be able to use your **n8n** server again within 3 minutes.

Here is the link to your n8n server.

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

Thank you for choosing us.

{\$signature}



# Email Template

## (puqDockerN8N Notification disk limit)

Docker n8n 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:** puqDockerN8N Notification disk limit

### Create New Email Template ×

**Email Type**

**Unique Name**

**Subject:**

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

**Body:**

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

We want to inform you that your n8n 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}}%

File Edit View Insert Format Table Help

Paragraph Verdana 11pt B I S U A A

Dear {\${client\_name}},

We want to inform you that your **n8n** 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 n8n 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.

Module Commands: Create Suspend Unsuspend Terminate Change Package Container Start Container Stop Mount disk Unmount disk

API Connection status: ✔ API Connection OK

Container:

Refresh Log

Status	Running
Name	n8n-1-5324.app.d01-test.uuq.pl (8ba1fad6a946)
CPU usage	100%
Memory usage	135MiB / 1GiB 13.19% 86.81%
Disk IO	143kB / 42.5MB
Disk mounted	440K/2.0G 99%
Disk file	69M
Network IO	13.5kB / 16kB

App:

Refresh

Version	1.78.1
Owner	it@puq.pl
Users	test1@puqcloud.com, test@puqcloud.com

Module Commands: Create Suspend Unsuspend Terminate Change Package Container Start Container Stop Mount disk Unmount disk

API Connection status: ✔ API Connection OK

Container:

Refresh Log

```
Permissions 0644 for n8n settings file /home/node/.n8n/config are too wide. This is ignored for now, but in the future n8n will attempt to change the permissions automatically. To automatically enforce correct permissions now set N8N_ENFORCE_SETTINGS_FILE_PERMISSIONS=true (recommended), or turn this check off set N8N_ENFORCE_SETTINGS_FILE_PERMISSIONS=false.
User settings loaded from: /home/node/.n8n/config
Initializing n8n process
n8n ready on 0.0.0.0, port 5678
Version: 1.78.1

Editor is now accessible via:
http://localhost:5678/
```

App:

Refresh

Version	1.78.1
Owner	it@puq.pl
Users	test1@puqcloud.com, test@puqcloud.com

Addons:

Reg Date	Name	Pricing	Status	Next Due Date
No Records Found				

Subscription ID:

Override Auto-Suspend:  Do not suspend until

## 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

Refresh Now

Addons:

Reg Date	Name	Pricing	Status	Next Due Date
----------	------	---------	--------	---------------

# Client Area

# Home screen

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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 n8n"**: 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 n8n



User manual



Status:

running



CPU usage:

2 CPU

99.99%



Memory usage:

134.5MiB / 1GiB

13.13%

86.87%



Disk usage:

440K / 2.0G

99%



<https://n8n-1-5324.app.d01-test.uuq.pl/>



Change Owner Password



Version:

1.78.1



Owner:

it@puq.pl



Users:

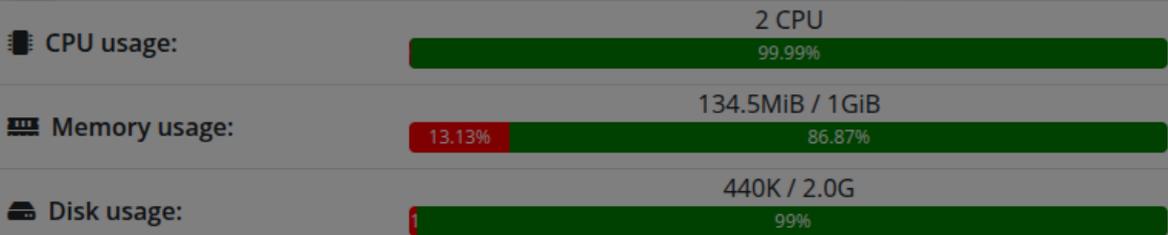
test1@puqcloud.com, test@puqcloud.com

### Change Owner Password



New Password

Save



<https://n8n-1-5324.app.d01-test.uuq.pl/>

Change Owner Password

Version:	1.78.1
Owner:	it@puq.pl
Users:	test1@puqcloud.com, test@puqcloud.com

# IP Access Control

## Docker n8n 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.

The screenshot shows the WHMCS client area interface. At the top left is the PUQcloud logo. To the right is a search bar and a shopping cart icon. Below the logo is a navigation menu with links for Home, Services, Domains, Billing, Support, and Open Ticket. The user is logged in as 'ruslan!'. The breadcrumb trail reads: Portal Home / Client Area / My Products & Services / Product Details. On the left sidebar, the 'Restrict by IP' option is highlighted with a red box. The main content area displays the title 'IP Access Control' and the message 'If IP is not specified, access is not limited'. Below this, the URL 'https://1-5336.app.d01-test.uuq.pl' is shown. Under the 'WEB:' label, a text input field contains the IP addresses '77.87.125.1' and '77.87.125.3'. A 'Save' button is located at the bottom right of the input field. The footer of the page states 'Powered by WHMCompleteSolution'.

# Reinstall

## Docker n8n 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**.



- ★ 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

# Metrics

## Docker n8n 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 n8n 1  
Docker n8n

ACTIVE

↑ Upgrade

🛑 Request Cancellation

Sunday, March 9th, 2025

First Payment Amount  
\$2.00

Recurring Amount  
\$1.00

Billing Cycle  
Monthly

Next Due Date  
Wednesday, April 9th, 2025

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)	0.00 GB	\$4.00 / GB	5 hours ago
Traffic OUT (GB)	0.01 GB	\$4.00 / GB	5 hours ago

Powered by WHMCompleteSolution