

# Docker InfluxDB WHMCS module

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

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- Metrics

# Description

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

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## Key Features

### ☐☐ Automated Container Management

- Automatic creation of an **InfluxDB** 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 **InfluxDB** 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 InfluxDB 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.

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

 [Go to InfluxDB](#)

 [User manual](#)



Status:

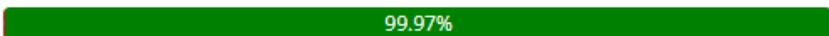
running



CPU usage:

1 CPU

99.97%

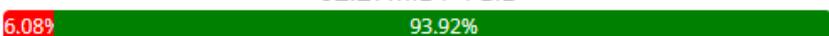


Memory usage:

62.27MiB / 1GiB

6.08%

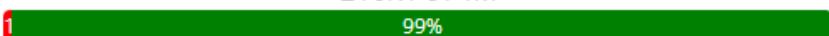
93.92%



Disk usage:

216K / 974M

99%



<https://1-5356.d01-test.uuq.pl/>



Username:

nufbqb



Password:



 [Change Administrator Password](#)



Version:

InfluxDB v2.7.11 (git: fbf5d4ab5e) build\_date: 2024-12-02T17:48:15Z



Administrator:

nufbqb

API Connection status

✓ API Connection OK

Refresh Log

Container

Status	Running
Name	1-5356.d01-test.uuq.pl_influxdb (3da6385fa157)
CPU usage	99.86%
Memory usage	62.27MiB / 1GiB 6.08% 93.92%
Disk IO	98.3kB / 4.6MB
Disk mounted	216K/974M 99%
Disk file	34M
Network IO	303kB / 85.8MB

Refresh

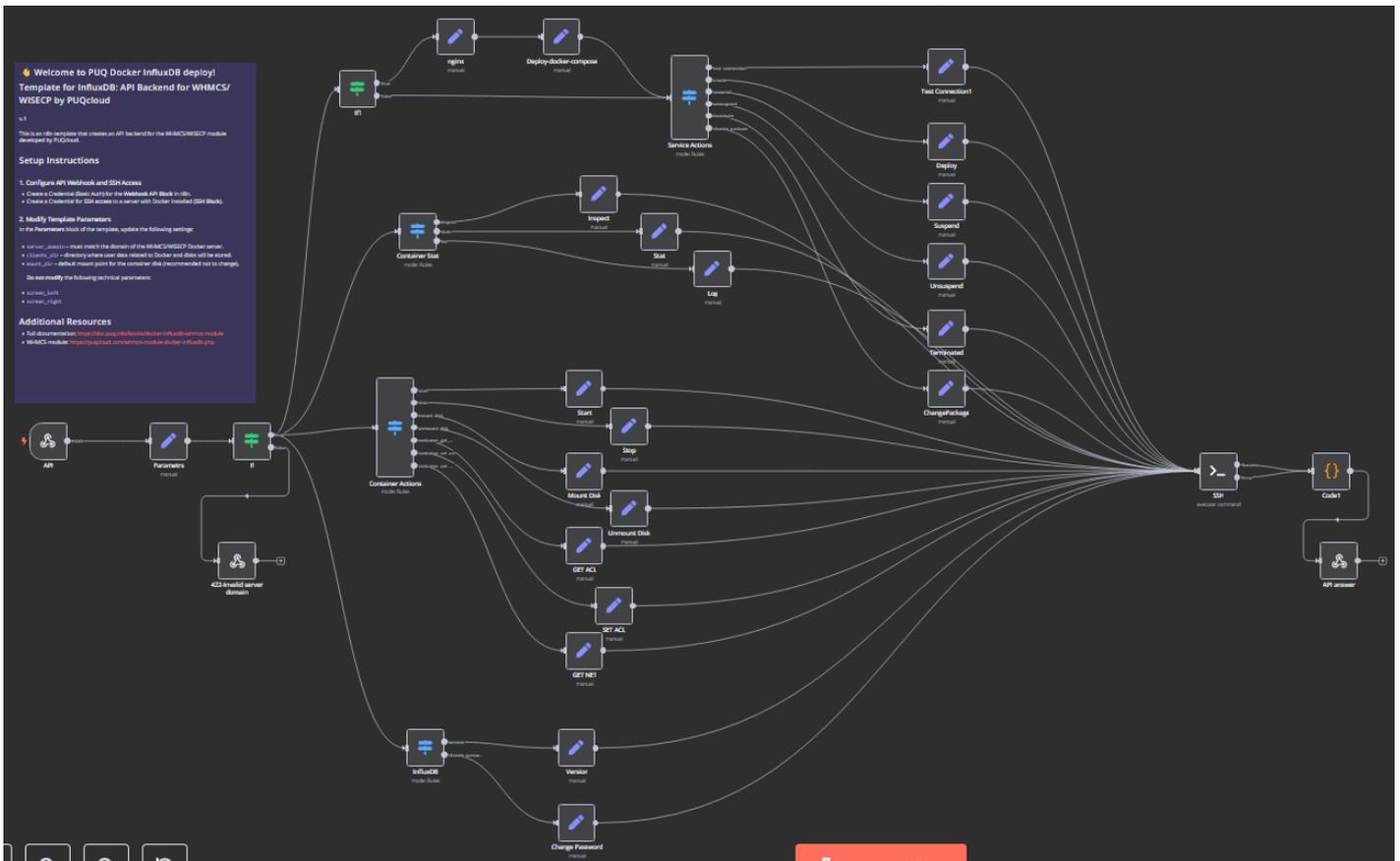
App

Version	InfluxDB v2.7.11 (git: fbf5d4ab5e) build_date: 2024-12-02T17:48:15Z
---------	---

Metric Statistics

Metric	Enabled	Current Usage	Last Update
Traffic IN (GB)	✓	0.00 GB	1 second ago
Traffic OUT (GB)	✓	0.08 GB	1 second ago

Refresh Now



# What is InfluxDB

## Docker InfluxDB module **WHMCS**

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InfluxDB is an open-source time-series database (TSDB) designed for storing and analyzing large volumes of time-stamped data. Developed by InfluxData, it is optimized for fast read and write operations, making it a popular choice for monitoring, analytics, and real-time processing of metrics, events, and sensor data.

## Key Features of InfluxDB

1. **High Performance** - Optimized for high-speed ingestion and querying of time-series data.
2. **Schema-less Design** - Uses a flexible data model that automatically adapts to new measurements.
3. **Powerful Query Language (Flux & InfluxQL)** - Provides SQL-like querying capabilities and advanced data processing functions.
4. **Retention Policies & Downsampling** - Automatically manages data lifecycle and reduces storage costs.
5. **Built-in Processing & Alerting** - Supports real-time aggregations, transformations, and alerting with Kapacitor.
6. **Scalability** - Works in single-node and distributed cluster deployments.
7. **Integrations & API Support** - Compatible with Grafana, Telegraf, Prometheus, and many programming languages.
8. **Edge & IoT Support** - Can run on low-power devices for industrial and IoT applications.

## Where is InfluxDB Used?

InfluxDB is widely used in various domains requiring real-time data collection and analysis:

### 1. IT Infrastructure Monitoring

- Stores metrics from servers, applications, and network devices.
- Works with Telegraf and Grafana to provide dashboards for system monitoring.

## 2. Application Performance Monitoring (APM)

- Tracks API response times, request latencies, and user interactions.
- Integrates with logging and tracing tools like OpenTelemetry.

## 3. Industrial IoT & Sensor Data Processing

- Collects and analyzes sensor readings from smart factories and energy grids.
- Used in predictive maintenance and operational analytics.

## 4. Cloud & DevOps Observability

- Monitors Kubernetes, Docker containers, and cloud services.
- Helps DevOps teams track CI/CD pipelines and system performance.

## 5. Financial & Business Analytics

- Stores stock market data, transaction logs, and business KPIs.
- Enables real-time analytics and predictive modeling.

# How InfluxDB Works

InfluxDB operates as a time-series database with a focus on speed and scalability:

1. **Data Ingestion:** Accepts data via HTTP, TCP, MQTT, and native clients.
2. **Storage & Indexing:** Uses a columnar storage format optimized for time-series queries.
3. **Querying & Processing:** Supports InfluxQL (SQL-like syntax) and Flux for complex transformations.
4. **Retention & Downsampling:** Applies data retention policies and automatic aggregation

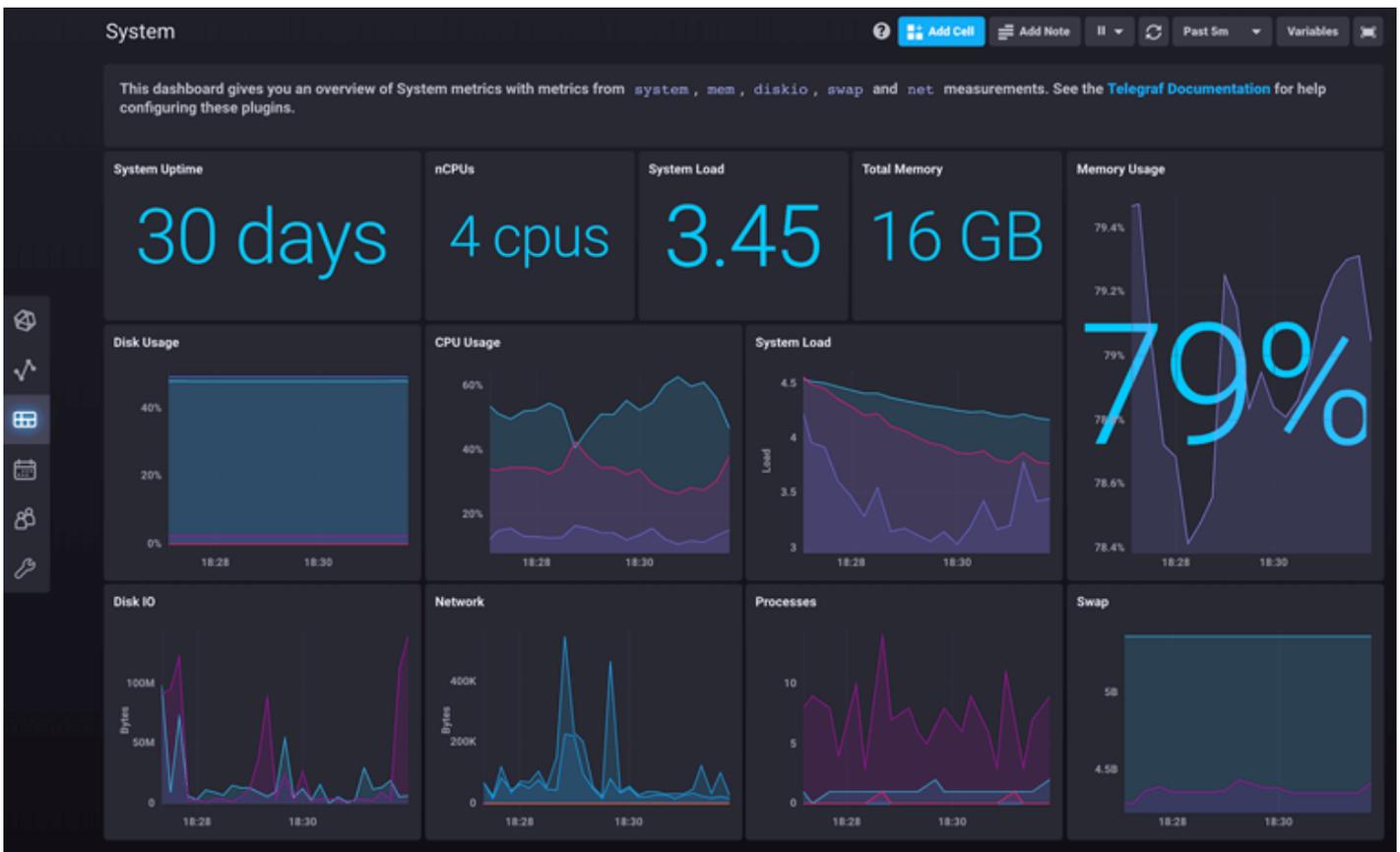
for efficient storage.

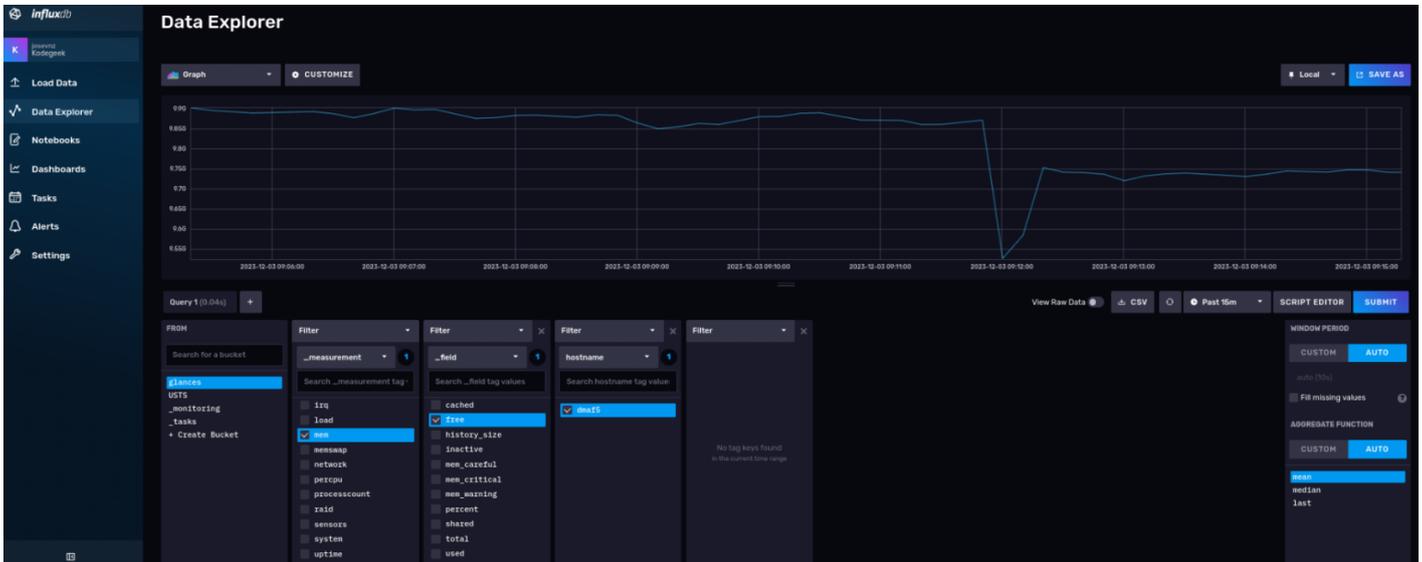
5. **Visualization & Alerting:** Connects with Grafana, Chronograf, and Kapacitor for monitoring and notifications.

# Data Sources Compatible with InfluxDB

InfluxDB supports multiple data sources, making it a versatile choice for real-time analytics:

- **System Monitoring:** Telegraf, Prometheus, Nagios, Zabbix
- **IoT & Industrial Data:** MQTT, OPC-UA, Modbus, ThingsBoard
- **Cloud & DevOps Tools:** Kubernetes, Docker, AWS CloudWatch, Google Cloud Monitoring
- **Application Logs & Traces:** OpenTelemetry, Fluentd, Loki
- **Business & Financial Data:** SQL databases, Kafka, stock market feeds





# Conclusion

InfluxDB is a powerful time-series database tailored for high-speed data collection and analytics. With its flexible schema, scalable architecture, and integration with various monitoring and visualization tools, it is an excellent choice for IT operations, IoT applications, business intelligence, and real-time observability. Whether you're tracking system performance, analyzing financial trends, or processing industrial sensor data, InfluxDB provides a reliable and efficient solution.

# Changelog

## Docker InfluxDB module **WHMCS**

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v1.0 Released 24-03-2025

First version

# Installation and configuration guide

# Basic concepts and requirements

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

The **WHMCS Docker InfluxDB module** is part of the **WHMCS Docker module series** developed by **PUQcloud**. This module enables service providers to offer **InfluxDB 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.

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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 InfluxDB 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-InfluxDB/php82/PUQ_WHMCS-Docker-InfluxDB-latest.zip
```

PHP 8.1

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

PHP 7.4

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-InfluxDB/php74/PUQ_WHMCS-
```

```
Docker-InfluxDB-latest.zip
```

All versions are available via link:

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

## 2. Unzip the archive with the module.

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

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

# Preparing Docker Server

Docker InfluxDB 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 InfluxDB module **WHMCS**

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## Overview

The **Docker InfluxDB 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

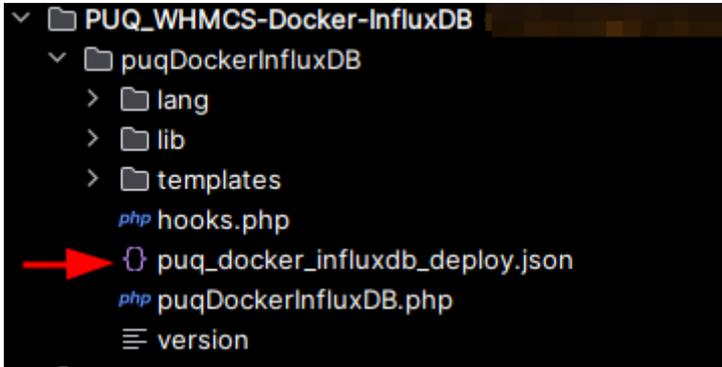
You have two options:

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

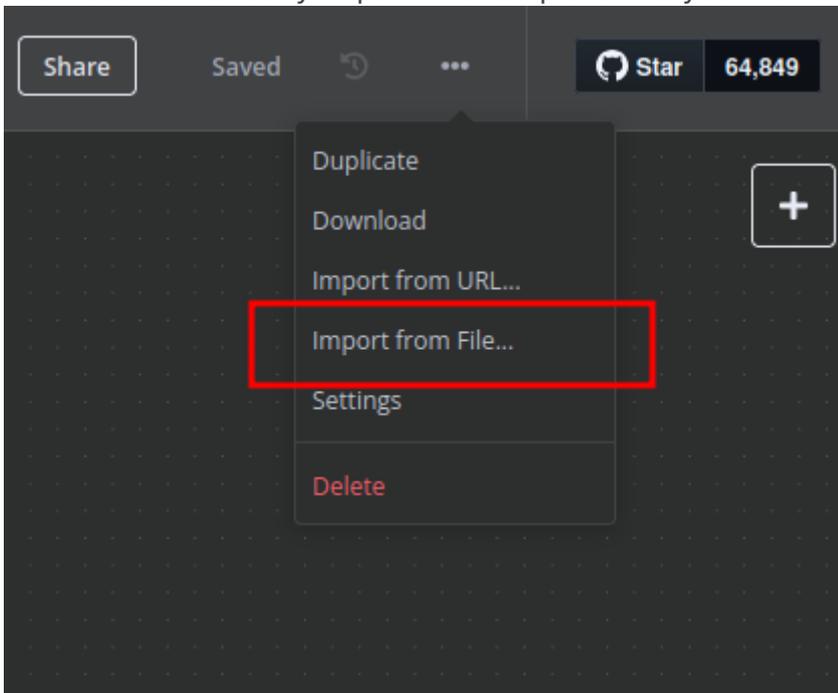
- The latest workflow templates for our modules are available on the official n8n marketplace.
- Visit our profile to access all available templates: [PUQcloud on n8n](#)

## 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

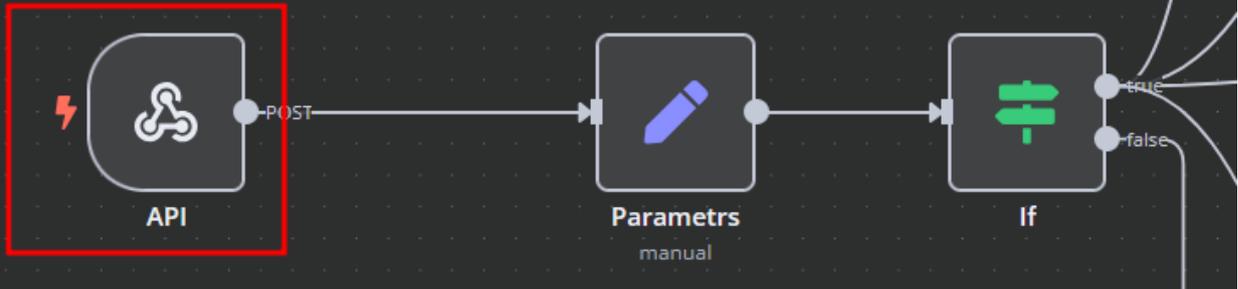
## Configure API Webhook and SSH Access

- Create a **Basic Auth Credential**

for the Webhook API Block in n8n.

## Additional Resources

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



Webhook URLs

Test URL

Production URL

POST

https://n8n.puqcloud.com/webhook-test/docker-influxdb

HTTP Methods

POST

Path

docker-influxdb

Authentication

Basic Auth

Credential for Basic Auth

InfluxDB

Basic Auth

**Immich**

Basic Auth

**InfluxDB**

Basic Auth

**MinIO**

Basic Auth

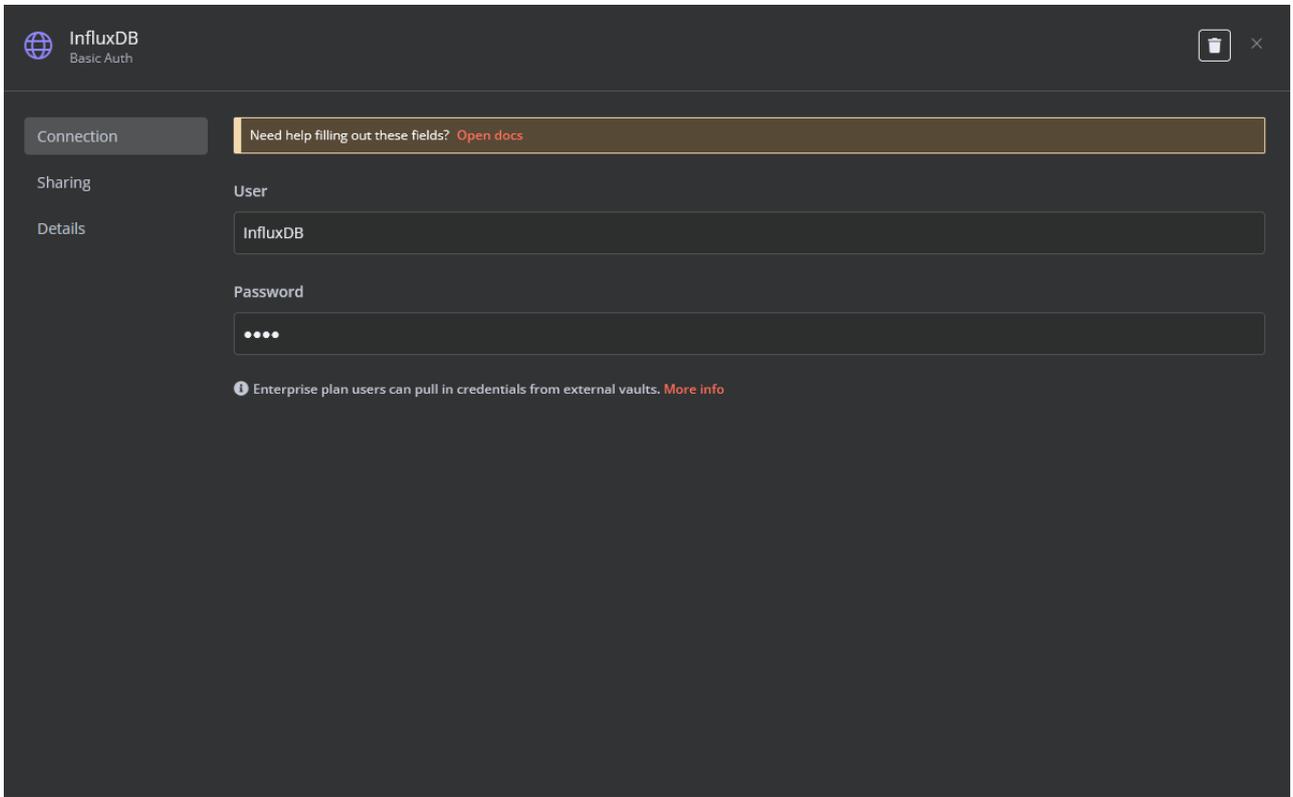
**n8n**

Basic Auth

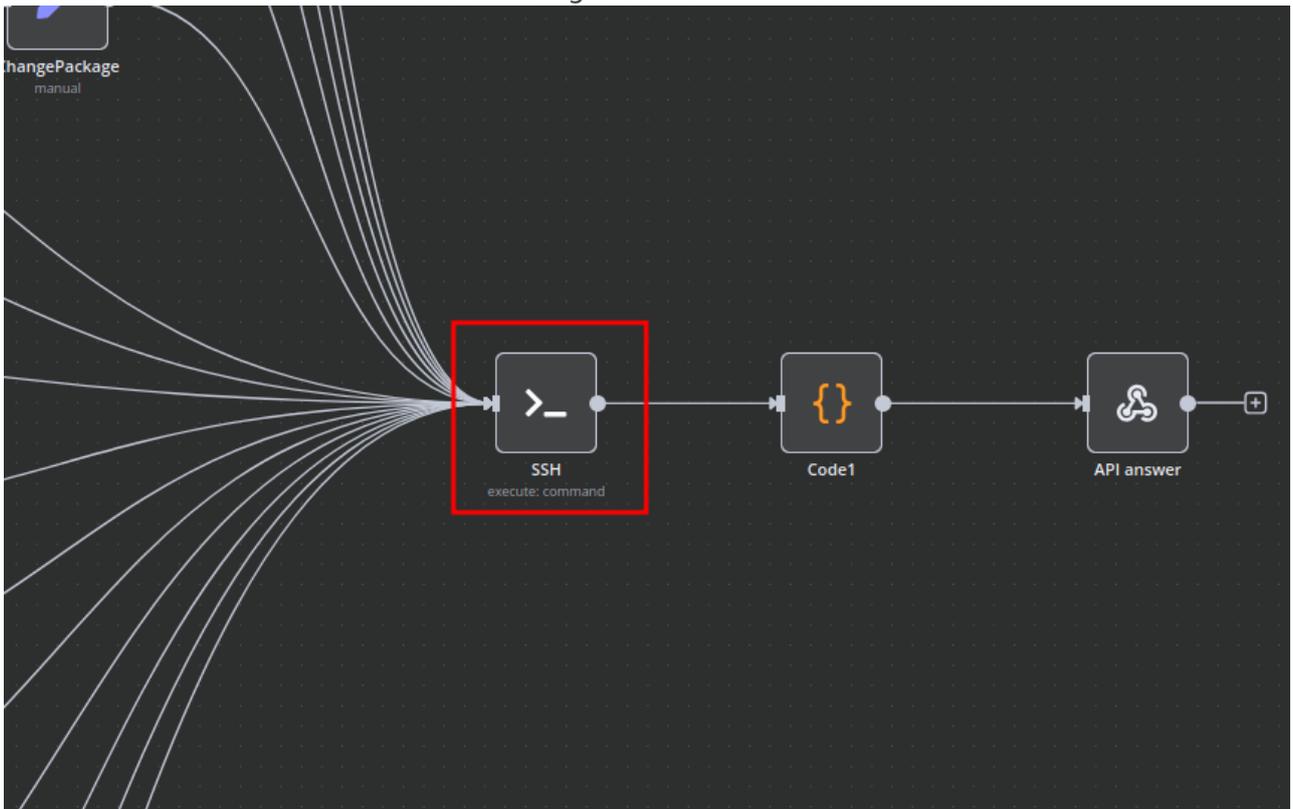
**Vaultwarden**

Basic Auth

+ Create new credential



- 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

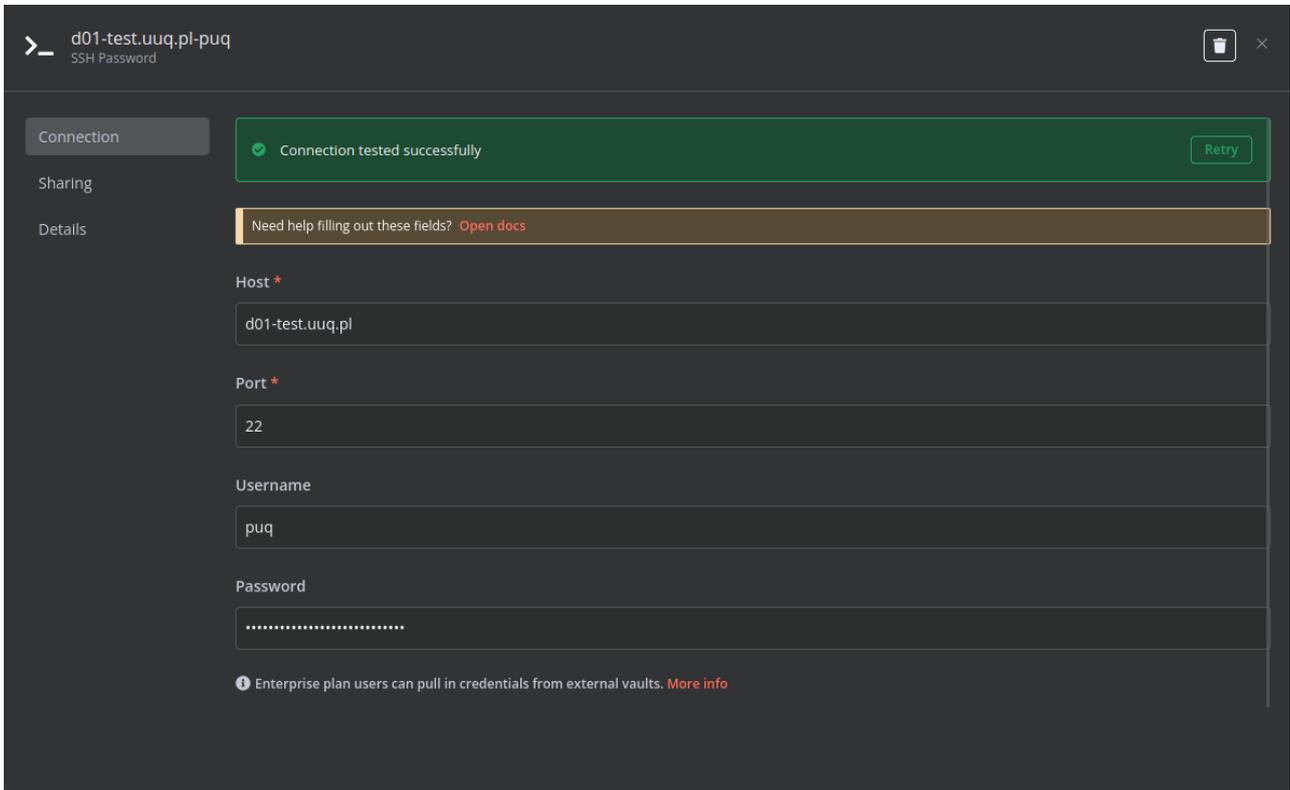
Execute

Command

fx {{ \$json.sh }}

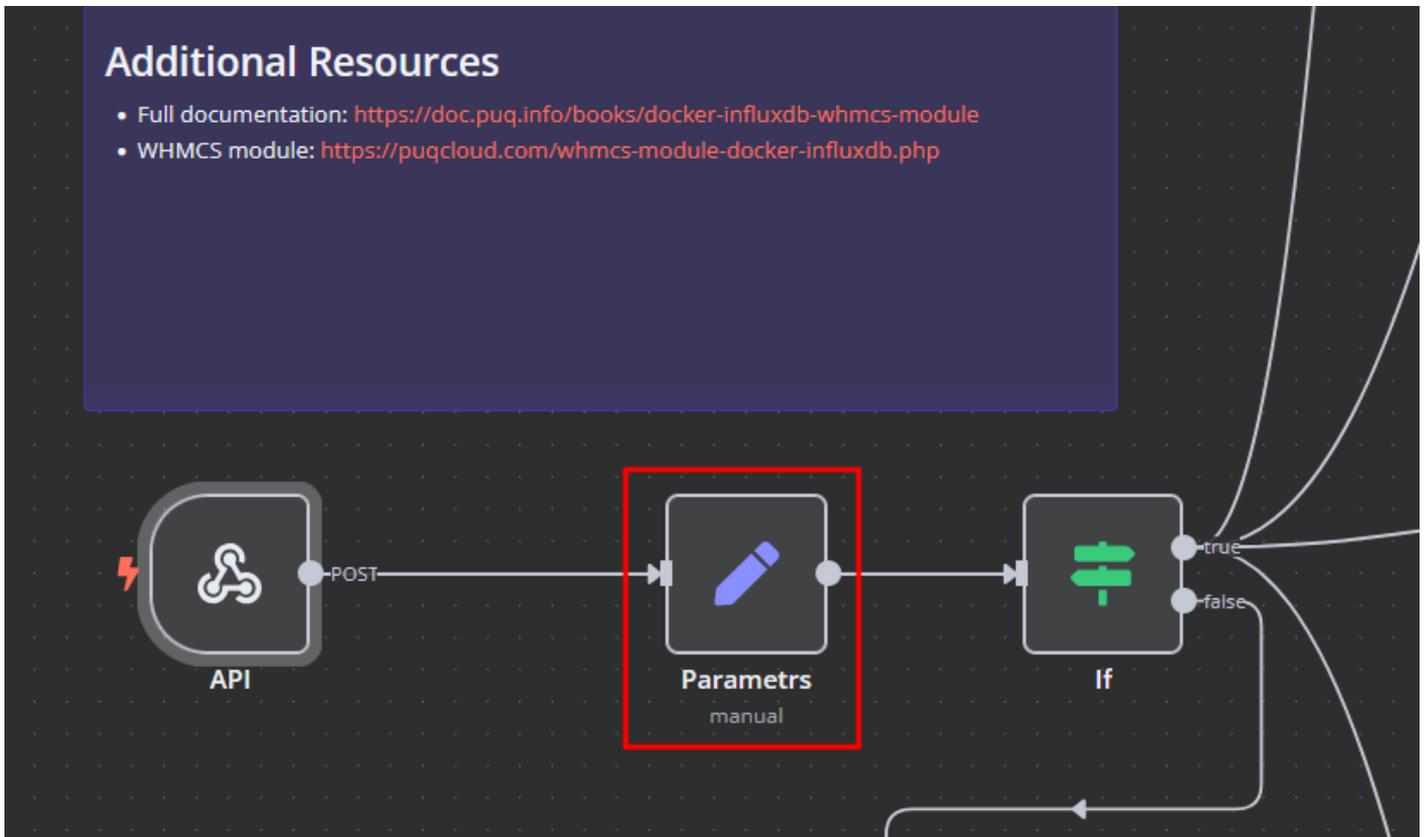
Working Directory

fx /



# Modify Template Parameters

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



 **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).

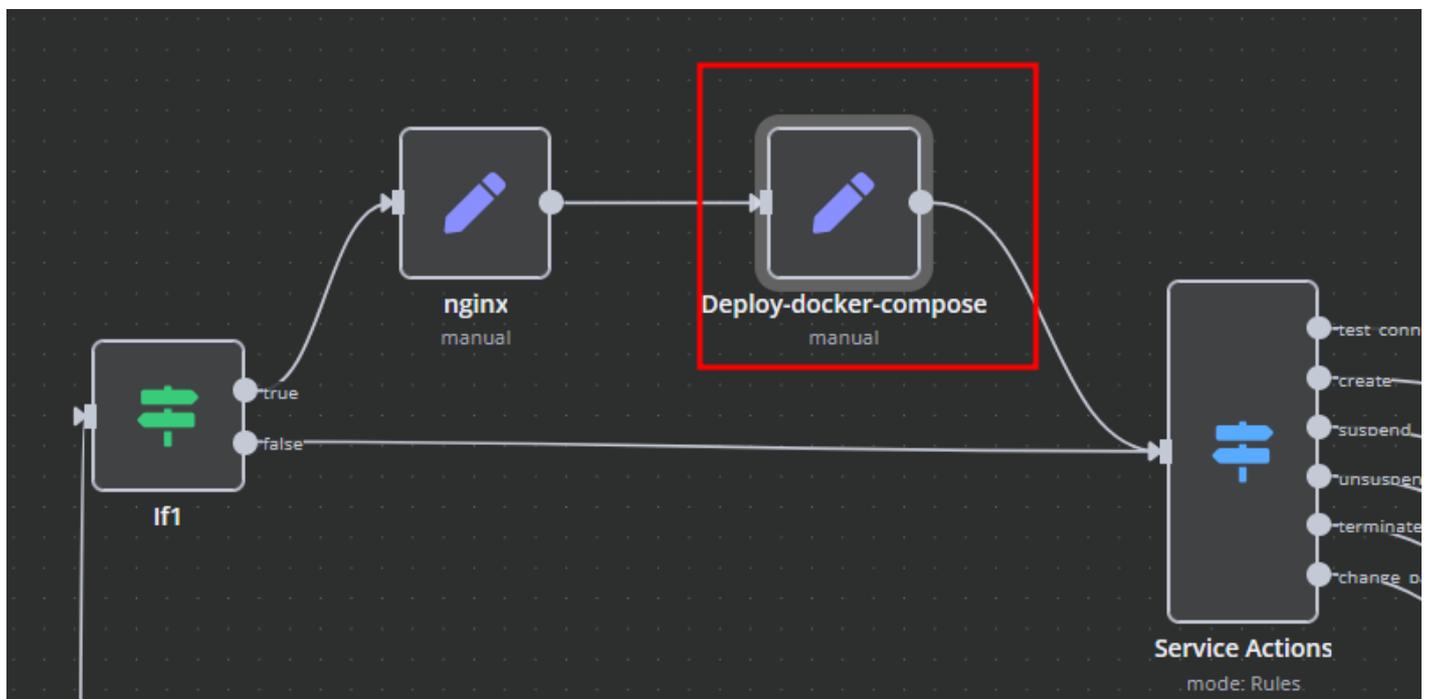
**Do not modify** the following technical parameters:

- `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



```

name: "{{ $('API').item.json.body.domain }}_influxdb"

services:
  "{{ $('API').item.json.body.domain }}_influxdb:
    container_name: "{{ $('API').item.json.body.domain }}_influxdb
    image: influxdb:2.7
    restart: unless-stopped
    volumes:
      - "{{ $('Params').item.json.mount_dir }}/{{ $('API').item.json.body.domain }}/lib:/var/
lib/influxdb2
      - "{{ $('Params').item.json.mount_dir }}/{{ $('API').item.json.body.domain }}/etc:/etc/
influxdb2
    environment:
      - LETSENCRYPT_HOST={{ $('API').item.json.body.domain }}
      - VIRTUAL_HOST={{ $('API').item.json.body.domain }}
      - DOCKER_INFLUXDB_INIT_MODE=setup
      - DOCKER_INFLUXDB_INIT_USERNAME={{ $('API').item.json.body.username }}
      - DOCKER_INFLUXDB_INIT_PASSWORD={{ $('API').item.json.body.password }}
      - DOCKER_INFLUXDB_INIT_ORG={{ $('API').item.json.body.username }}_ORG
      - DOCKER_INFLUXDB_INIT_BUCKET={{ $('API').item.json.body.username }}_BUCKET
    healthcheck:
      disable: false
    networks:
      - nginx-proxy_web
    mem_limit: "{{ $('API').item.json.body.ram }}G"
    cpus: "{{ $('API').item.json.body.cpu }}"

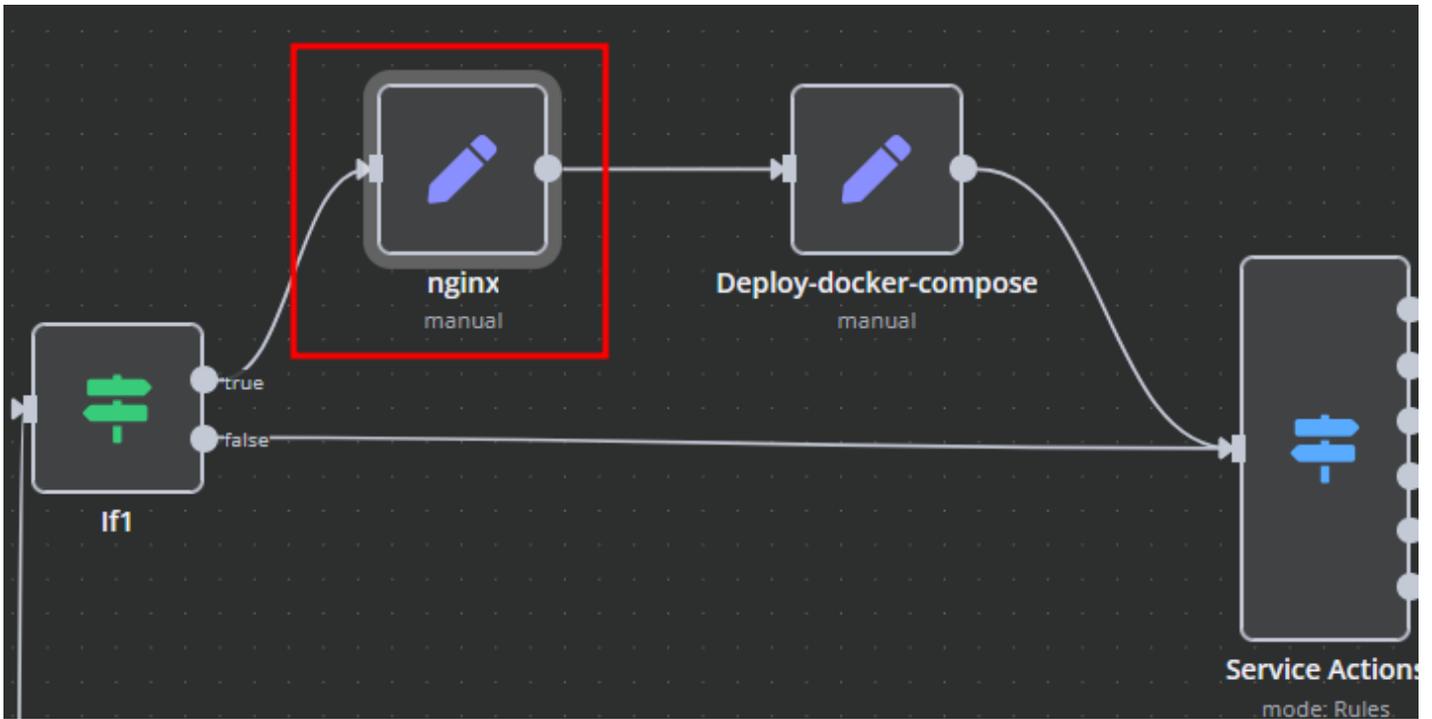
networks:
  nginx-proxy_web:
    external: true

```

## 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.



**nginx** Test step

Parameters Settings Docs

Mode  
Manual Mapping

Fields to Set

main	A String	=	[empty]
main_location	A String	=	<pre> proxy_pass_header Server; proxy_set_header X-Real-IP \$remote_addr; proxy_set_header X-Forwarded-For \$proxy_add_x_forwarded_for; proxy_set_header X-Scheme \$scheme; proxy_set_header Host \$http_host; </pre>

Drag input fields here or [Add Field](#)

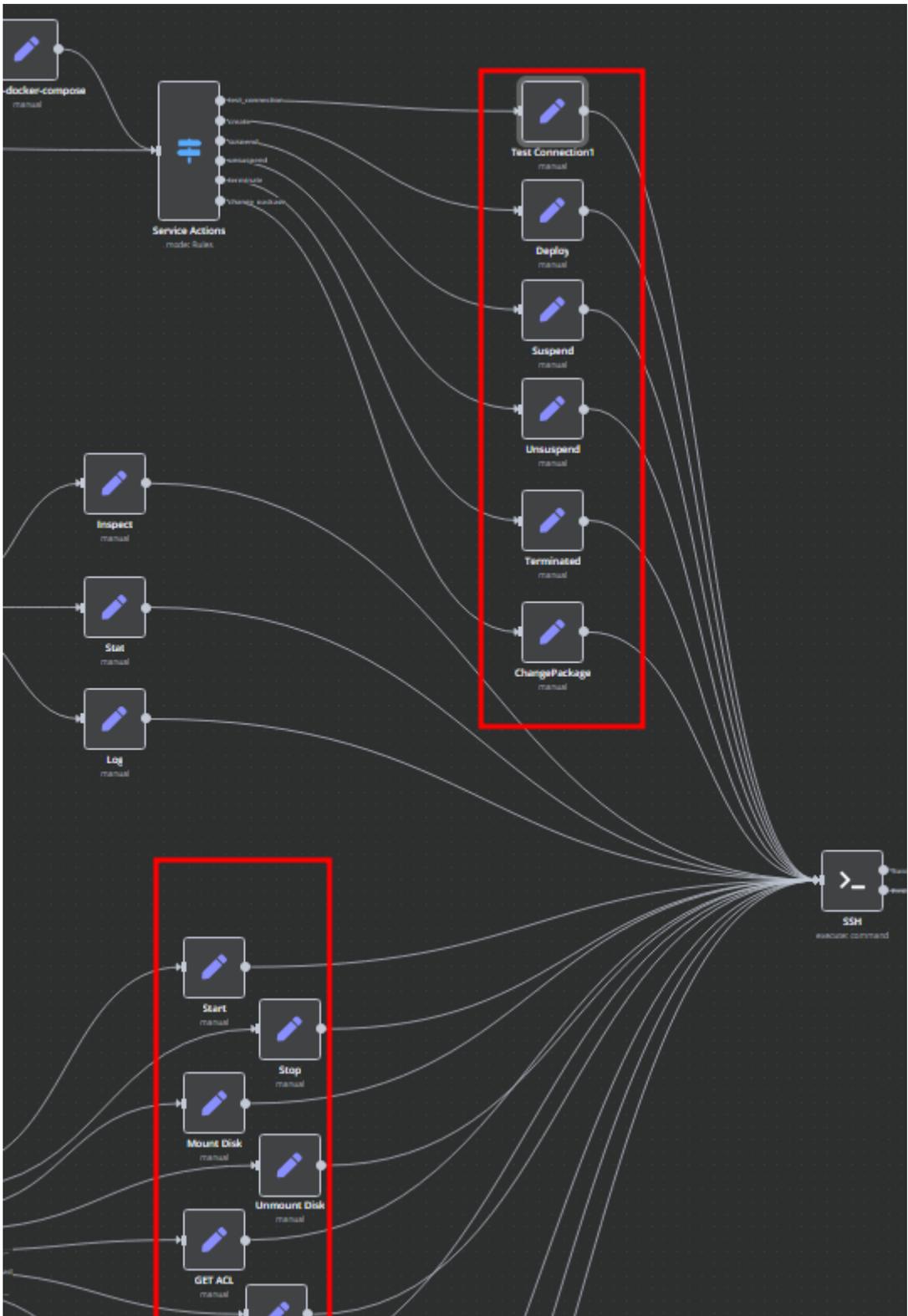
Include Other Input Fields

Options  
No properties  
[Add option](#)

# 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.

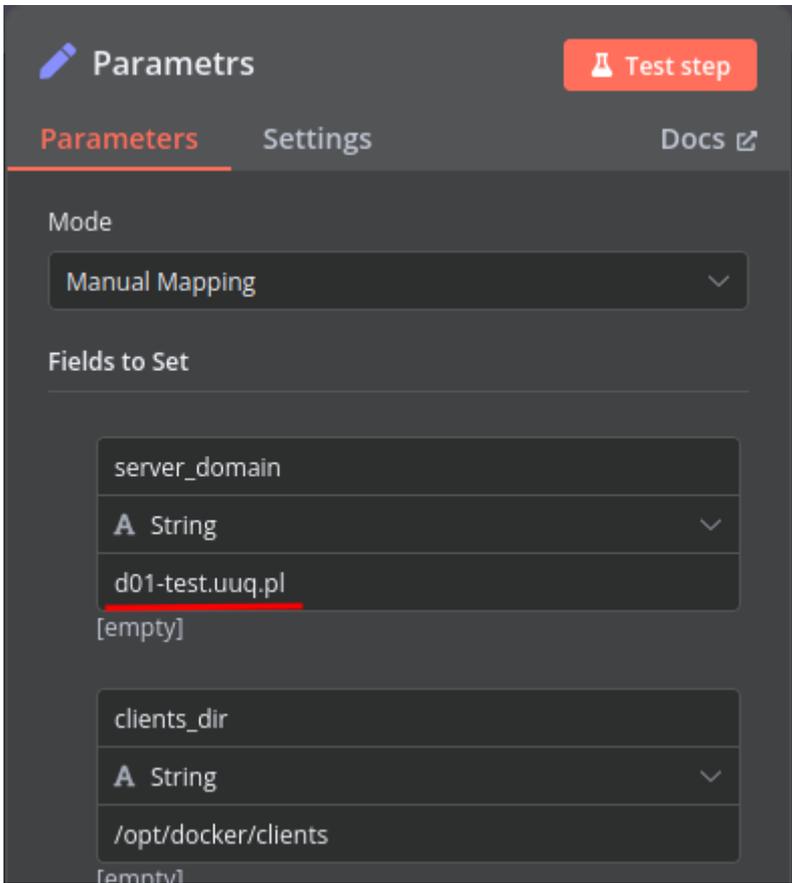
System Settings->Servers->Add New Server

- 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 the 'Parameters' configuration page in n8n. At the top, there is a 'Test step' button. Below it, there are tabs for 'Parameters' (selected), 'Settings', and 'Docs'. The 'Mode' is set to 'Manual Mapping'. Under 'Fields to Set', there are two parameter entries:

- server\_domain**: Type 'String', value 'd01-test.uuq.pl' (highlighted with a red underline).
- clients\_dir**: Type 'String', value '/opt/docker/clients'.

In the **Server Details** section, select the "**PUQ Docker InfluxDB**" 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	<input type="text" value="PUQ Docker InfluxDB"/> <span>▼</span> <input type="button" value="Test Connection"/>
	✓ Connection successful. Some values have been auto-filled.
Username	<input type="text" value="InfluxDB"/>
Password	<input type="password" value="...."/>
Access Hash	<input type="text" value="https://n8n.puqcloud.com/webhook/docker-influxdb"/>
Secure	<input checked="" type="checkbox"/> Check to use SSL Mode for Connections

## Webhook URLs

Test URL

Production URL

POST

`https://n8n.puqcloud.com/webhook/docker-influxdb`

## HTTP Methods

POST [×](#)

## Path

`docker-influxdb`

## Authentication

Basic Auth

## Credential for Basic Auth

InfluxDB

## 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 InfluxDB 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 InfluxDB**" module

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

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

Module Name: PUQ Docker InfluxDB  
Server Group: None

License key: MSX9RY-XZNCZX-EZOQWA-JON0ID-FXQUBI  
success: 2025-04-21T18:28:57+02:00

**Disk space**  
1  
GB Ex: 1

**CPU**  
Docker: 1  
Ex: 0.1

**RAM**  
1  
GB Ex: 0.1

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

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

**Subdomain**  
Domain:   
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 %**  
Service: 95

**Notification disk limit email template**  
Service: puqDockerInfluxDB Notification disk limit

Switch to Advanced Mode

Metric Billing: Traffic IN (GB) [Configure Pricing](#)  ON Traffic OUT (GB) [Configure Pricing](#)  ON

# Metric Billing

## Docker InfluxDB 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 tabs for '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 with two toggle switches: 'Traffic IN (GB)' and 'Traffic OUT (GB)'. Both switches are currently turned 'ON'. Below each toggle is a link to 'Configure Pricing'. A red box highlights this section. In the bottom right corner of the interface, there is a link that says 'Switch to Advanced Mode'.

## 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 (puqDockerInfluxDB Welcome Email)

Docker InfluxDB 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:** puqDockerInfluxDB Welcome Email

## Create New Email Template ✕

Email Type

Product/Service ▾

Unique Name

puqDockerInfluxDB Welcome Email

Cancel

Create

**Subject:**

## InfluxDB 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 InfluxDB instance is in progress.

Within the next 4-5 minutes, you will be able to use your InfluxDB instance.

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

Here is the link to your InfluxDB server.

`https://{service_domain}/`

Thank you for choosing us.

`{signature}`

Subject: InfluxDB 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 InfluxDB instance is in progress.  
Within the next 4-5 minutes, you will be able to use your InfluxDB instance.

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

Here is the link to your InfluxDB server.  
[https://{ \\$service\\_domain }/](https://{ $service_domain }/)

Thank you for choosing us.

{ \$signature }

P 82 WORDS POWERED BY TINYMCE 

# Email Template (puqDockerInfluxDB Update Email)

Docker InfluxDB 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:** puqDockerInfluxDB Update Email

### Create New Email Template ×

**Email Type**

**Unique Name**

**Subject:**

## InfluxDB Update Information

### Body:

Dear {\$client\_name},

Your instance is currently being updated.

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

Here is the link to your InfluxDB server.

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

Thank you for choosing us.

{\$signature}

Subject: InfluxDB 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 InfluxDB server again within 3 minutes.

Here is the link to your InfluxDB server.

[https://{ \\$service\\_domain }/](https://{ $service_domain }/)  
Thank you for choosing us.

{ \$signature }

P 38 WORDS POWERED BY TINYMCE 

# Email Template (puqDockerInfluxDB Notification disk limit)

Docker InfluxDB 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:** puqDockerInfluxDB Notification disk limit

## Create New Email Template ×

Email Type

Product/Service ▼

Unique Name

puqDockerInfluxDB Notification disk limit

Cancel

Create

**Subject:**

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

**Body:**

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

We want to inform you that your InfluxDB 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

Dear {\$client\_name},

We want to inform you that your InfluxDB 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 InfluxDB 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.

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	1-5356.d01-test.uuq.pl_influxdb (3da6385fa157)
CPU usage	<div style="width: 99.97%;"><div style="width: 99.97%;"></div></div> 99.97%
Memory usage	62.27MiB / 1GiB <div style="width: 6.08%;"><div style="width: 6.08%;"></div></div> 6.08% 93.92%
Disk IO	168kB / 4.6MB
Disk mounted	216K/974M <div style="width: 99%;"><div style="width: 99%;"></div></div> 99%
Disk file	34M
Network IO	303kB / 85.8MB

App

[Refresh](#)

Version	influxDB v2.7.11 (git: fb5d4ab5e) build_date: 2024-12-02T17:48:15Z
---------	--

Metric Statistics

Metric	Enabled	Current Usage	Last Update
Traffic IN (GB)	✓	0.00 GB	1 second ago
Traffic OUT (GB)	✓	0.08 GB	1 second ago

[Refresh Now](#)

# 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 InfluxDB"**: 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 InfluxDB](#)

 [User manual](#)

 **Status:** running

 **CPU usage:** 1 CPU  

99.97%

 **Memory usage:** 62.27MiB / 1GiB  

93.92%

6.08%

 **Disk usage:** 216K / 974M  

99%

 **influxdb**  
<https://1-5356.d01-test.uuq.pl/>

 **Username:** nufbqb 

 **Password:**   

 [Change Administrator Password](#)

 **Version:** InfluxDB v2.7.11 (git: fbf5d4ab5e) build\_date: 2024-12-02T17:48:15Z

 **Administrator:** nufbqb

## Change Administrator Password



 Generate

 Save



<https://1-5356.d01-test.uuq.pl/>

Username: nufbqb 

Password: .....  

 [Change Administrator Password](#)

Version: InfluxDB v2.7.11 (git: fbf5d4ab5e) build\_date: 2024-12-02T17:48:15Z

Administrator: nufbqb

# IP Access Control

## Docker InfluxDB 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 PUIQcloud client area interface. At the top left is the PUIQcloud logo. To the right is a search bar with the text "Search our knowledgebase..." and a shopping cart icon with a "0" notification. Below the logo is a navigation menu with links: Home, Services, Domains, Billing, Support, and Open Ticket. On the far right of the navigation is the user name "Hello, ruslan!". Below the navigation is a breadcrumb trail: Portal Home / Client Area / My Products & Services / Product Details. On the left side, there is a sidebar menu with four items: Overview (with a star icon and an upward arrow), Information, Restrict by IP (highlighted with a red box), and Reinstall (with a circular arrow icon). The main content area has the title "IP Access Control" and the subtitle "If IP is not specified, access is not limited". Below this is the URL "https://1-5342.d01-test.uuq.pl". Underneath the URL is a label "WEB:" followed by a large text input field containing the placeholder text "Enter allowed IPs, one per line". At the bottom of the input field is a blue "Save" button. At the very bottom of the page, it says "Powered by WHMCompleteSolution".

# Reinstall

## Docker InfluxDB 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 InfluxDB 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 InfluxDB 1GB**  
Docker InfluxDB

ACTIVE

[Request Cancellation](#)

**Registration Date**  
Sunday, March 23rd, 2025

**Recurring Amount**  
\$1.00

**Billing Cycle**  
Monthly

**Next Due Date**  
Wednesday, April 23rd, 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	\$0.00 / GB	2 seconds ago
Traffic OUT (GB)	0.08 GB	\$0.00 / GB	2 seconds ago