Docker InfluxDB WHMCS module

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

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  - Setting up n8n workflow
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  - Product Configuration
  - Metric Billing
  - Email Template (puqDockerInfluxDB Welcome Email)
  - Email Template (puqDockerInfluxDB Update Email)
  - Email Template (puqDockerInfluxDB Notification disk limit)
- Admin Area
  - Product Information
- Client Area

- Home screen
- IP Access Control
- Reinstall
- 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.

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)

Installation & Setup

1️⃣ Environment Preparation

- Install **WHMCS 8+**.
- Set up an **n8n server** for automation workflows.
- Ensure **Docker** is installed and running. (Installation Guide)

2️⃣ 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.

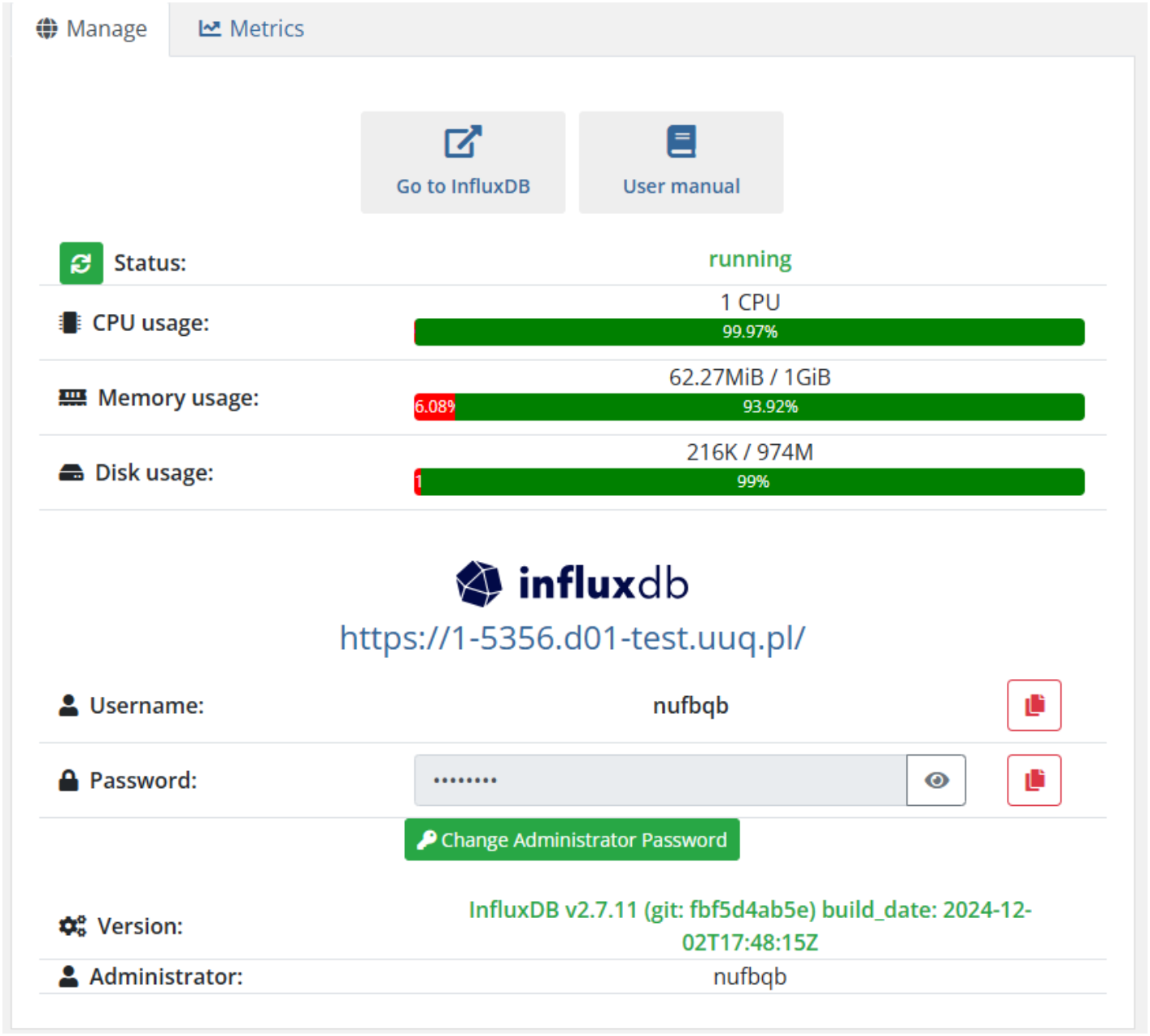
4 Testing & Deployment

- 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.

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


Manage
Metrics
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%
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

API Connection status

API Connection OK

Container

Refresh | Log

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 1% 99%
Disk file	34M
Network IO	303kB / 85.8MB

App

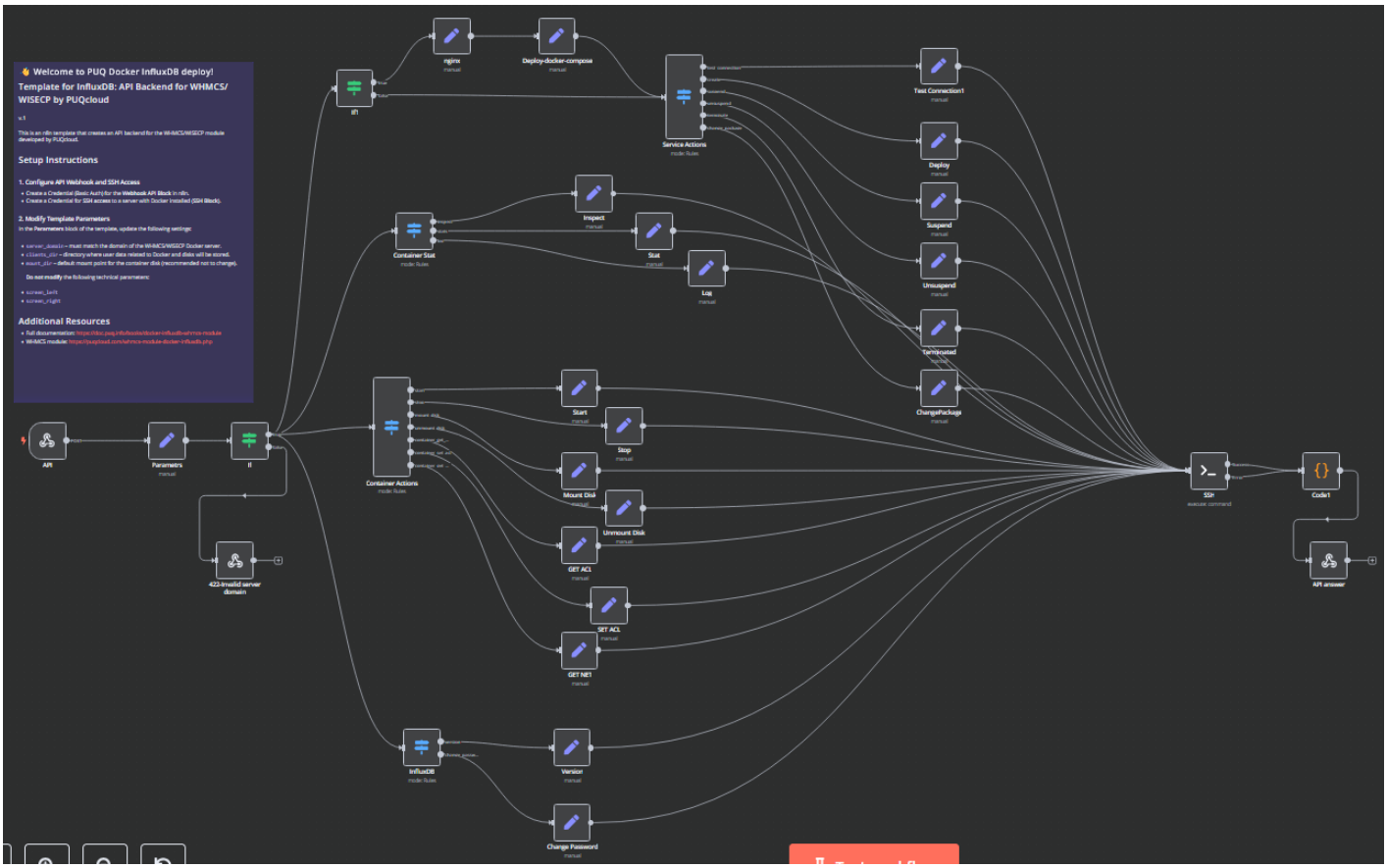
Refresh

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

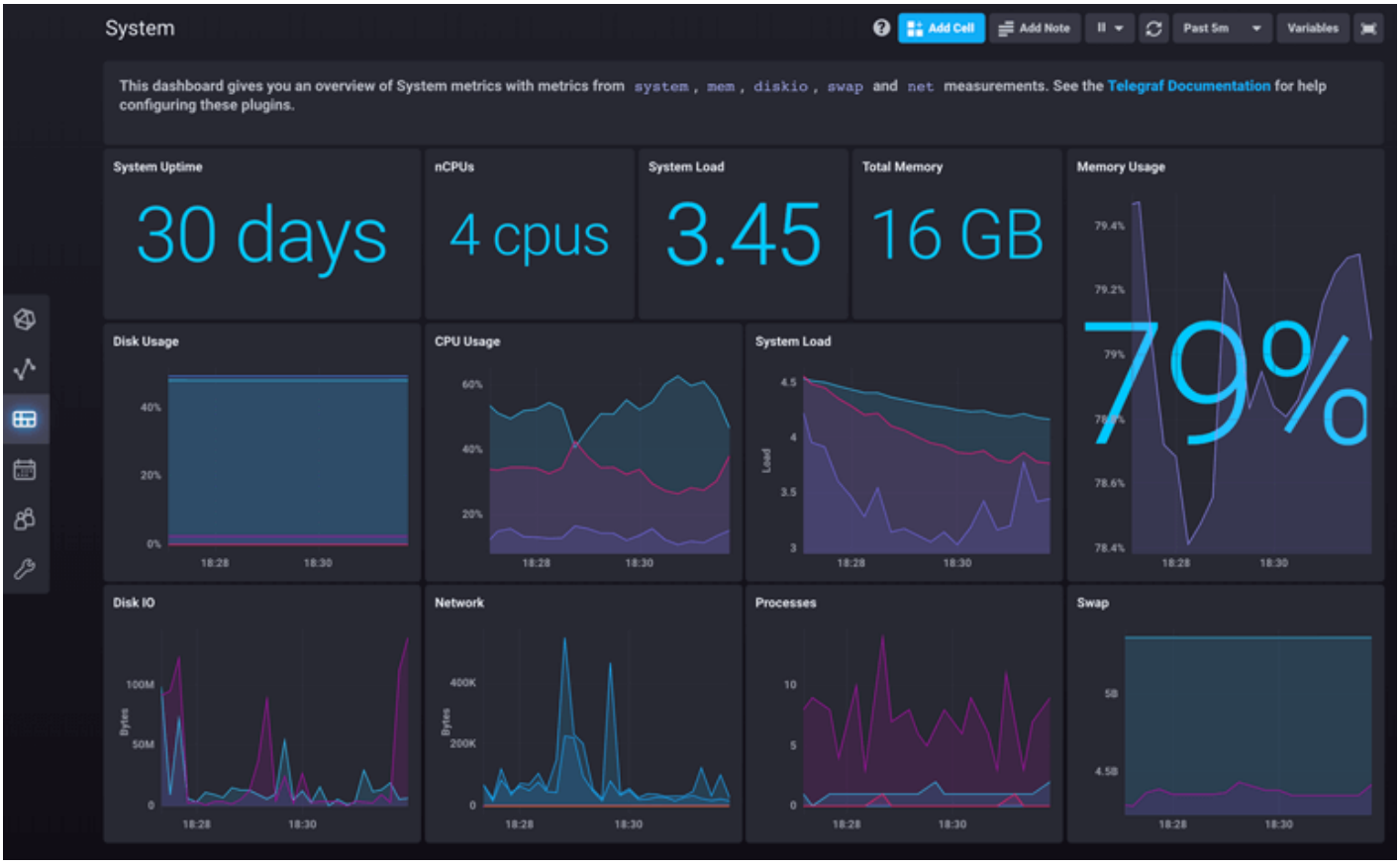
for efficient storage.

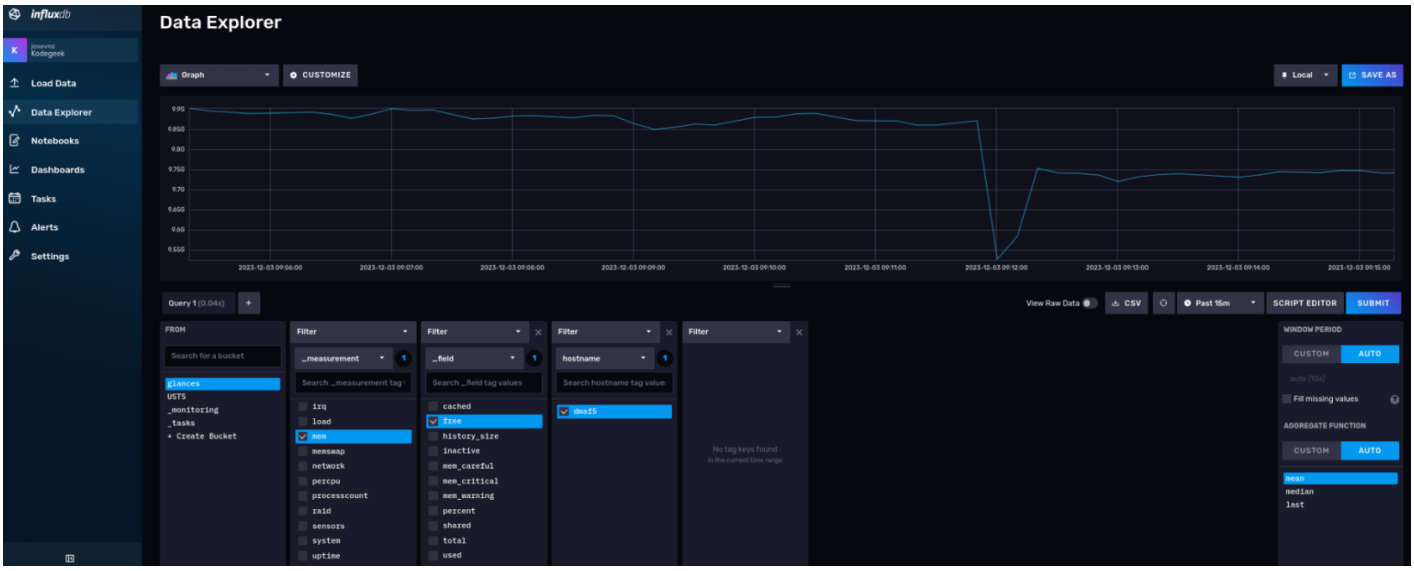
5. **Visualization & Alerting:** Connects with Grafana, Chronograf, and Kapacitor for monitoring and notifications.

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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> 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 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.

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)

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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/

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

Installation and configuration guide

Setting up n8n workflow

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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

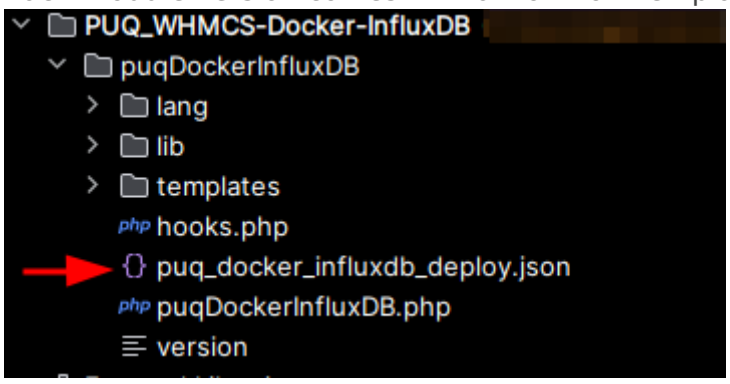
You have two options:

Option 1: Use the Latest Version from the n8n Marketplace

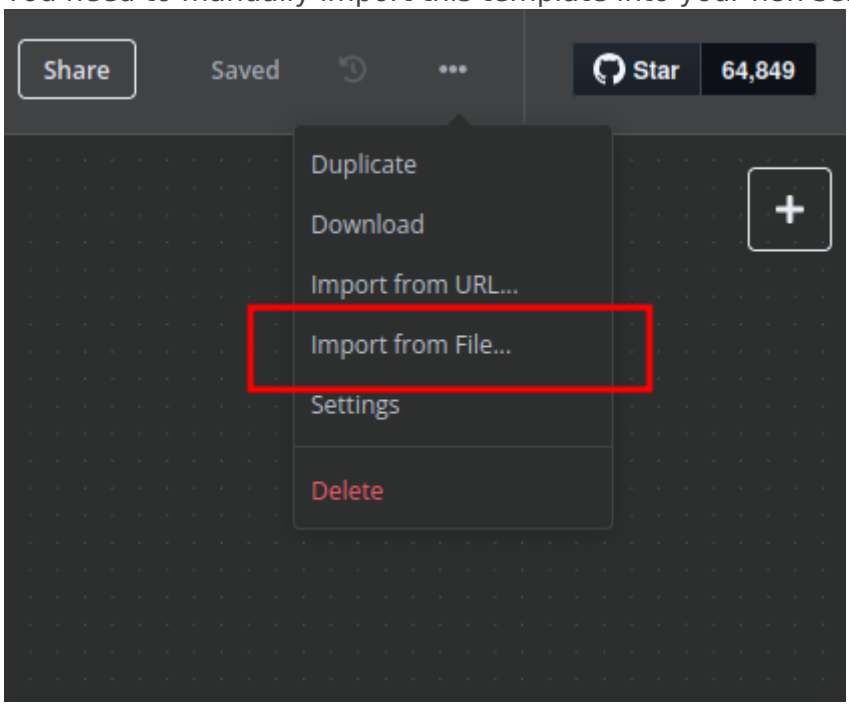
- The latest workflow templates for our modules are available on the official n8n marketplace.
- Visit our profile to access all available templates: PUQcloud on n8n

Option 2: Manual Installation

- Each module version comes with a workflow template file.



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

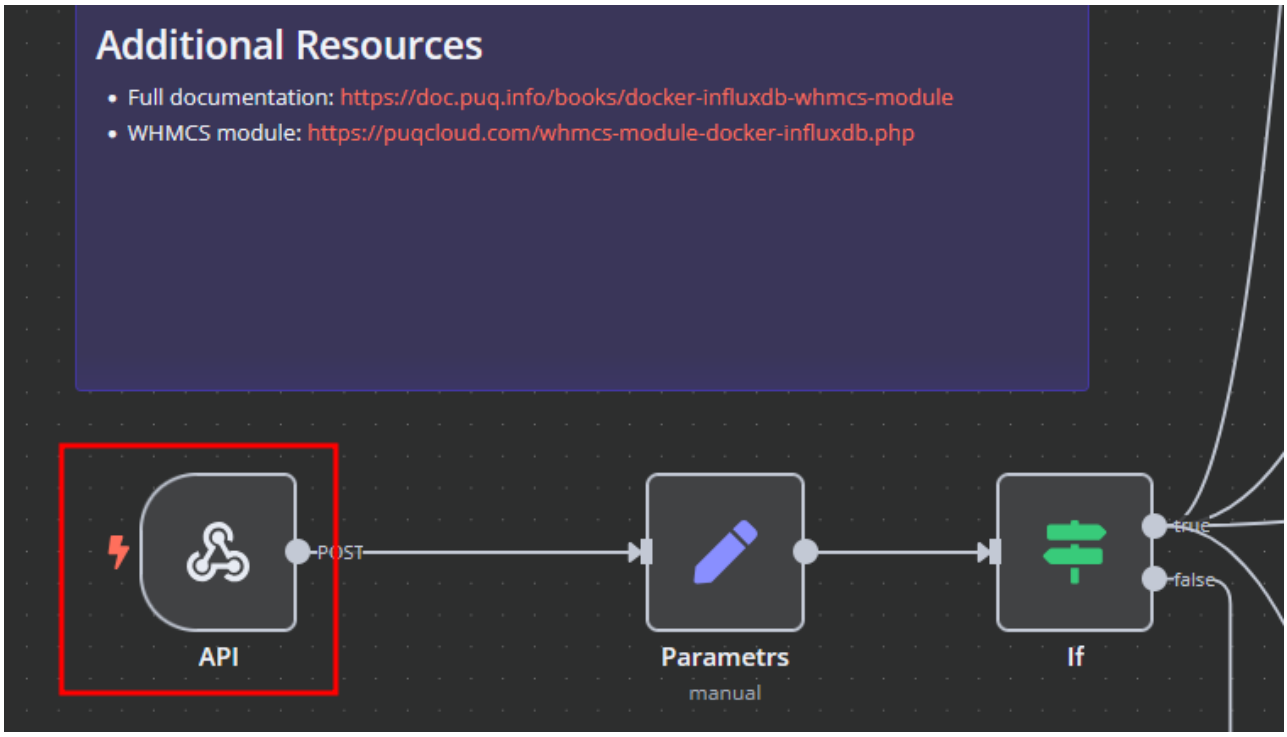


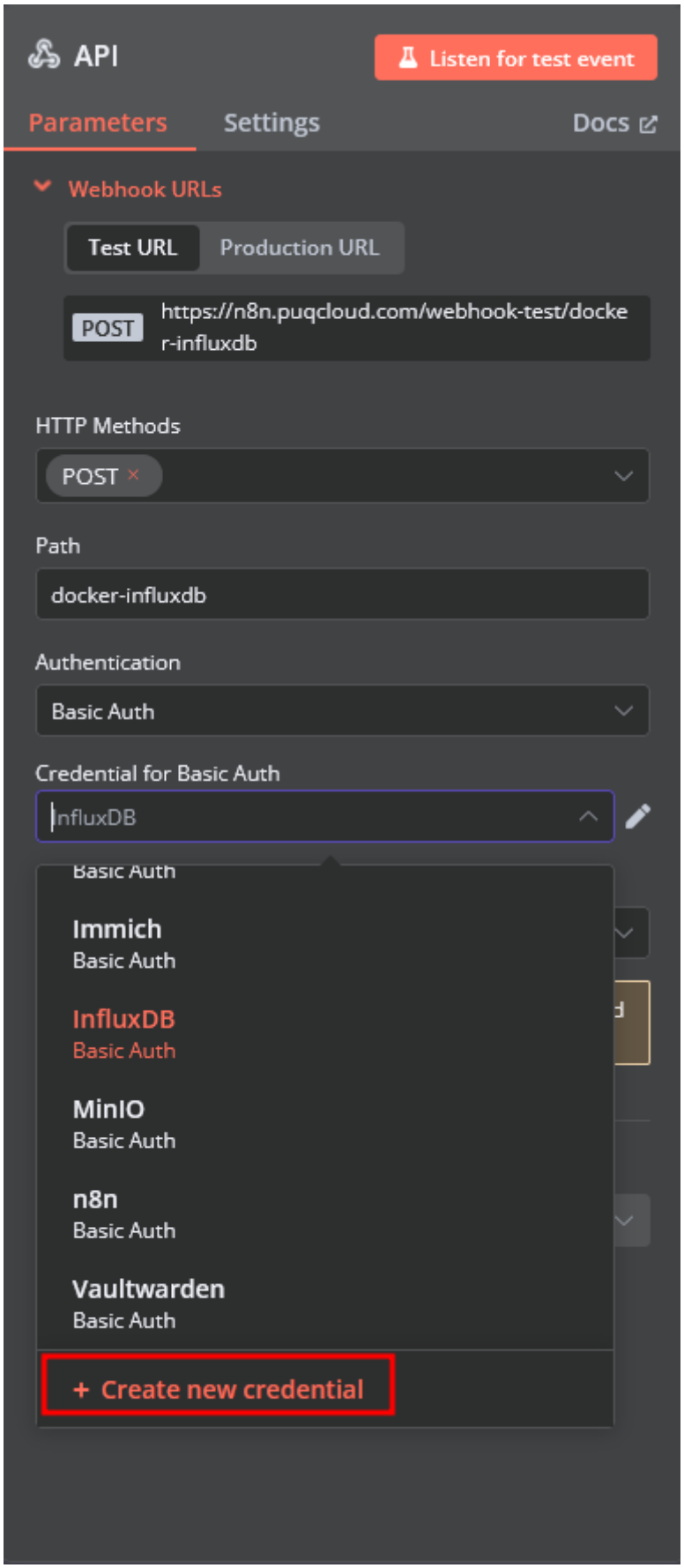
n8n Workflow API Backend Setup for WHMCS/WISECP

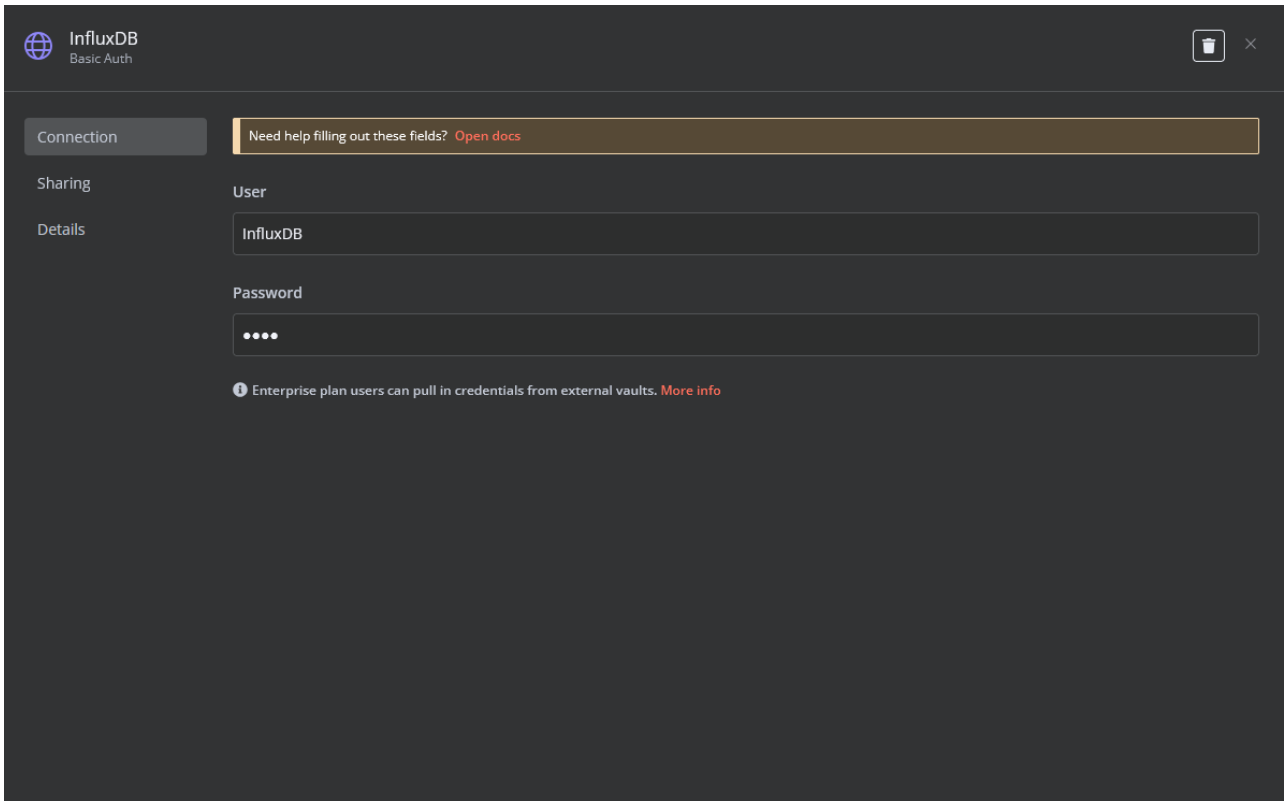
Configure API Webhook and SSH Access

- Create a **Basic Auth Credential**

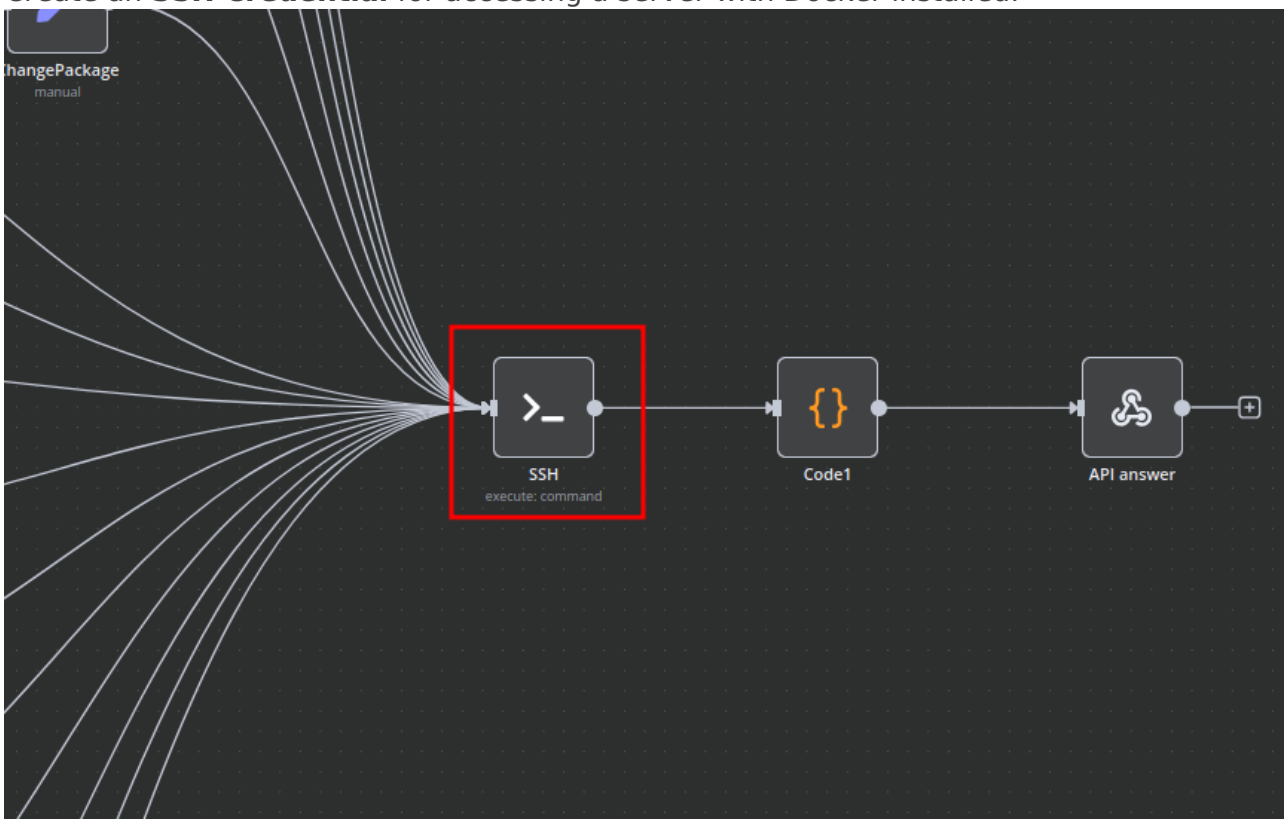
for the Webhook API Block in n8n.

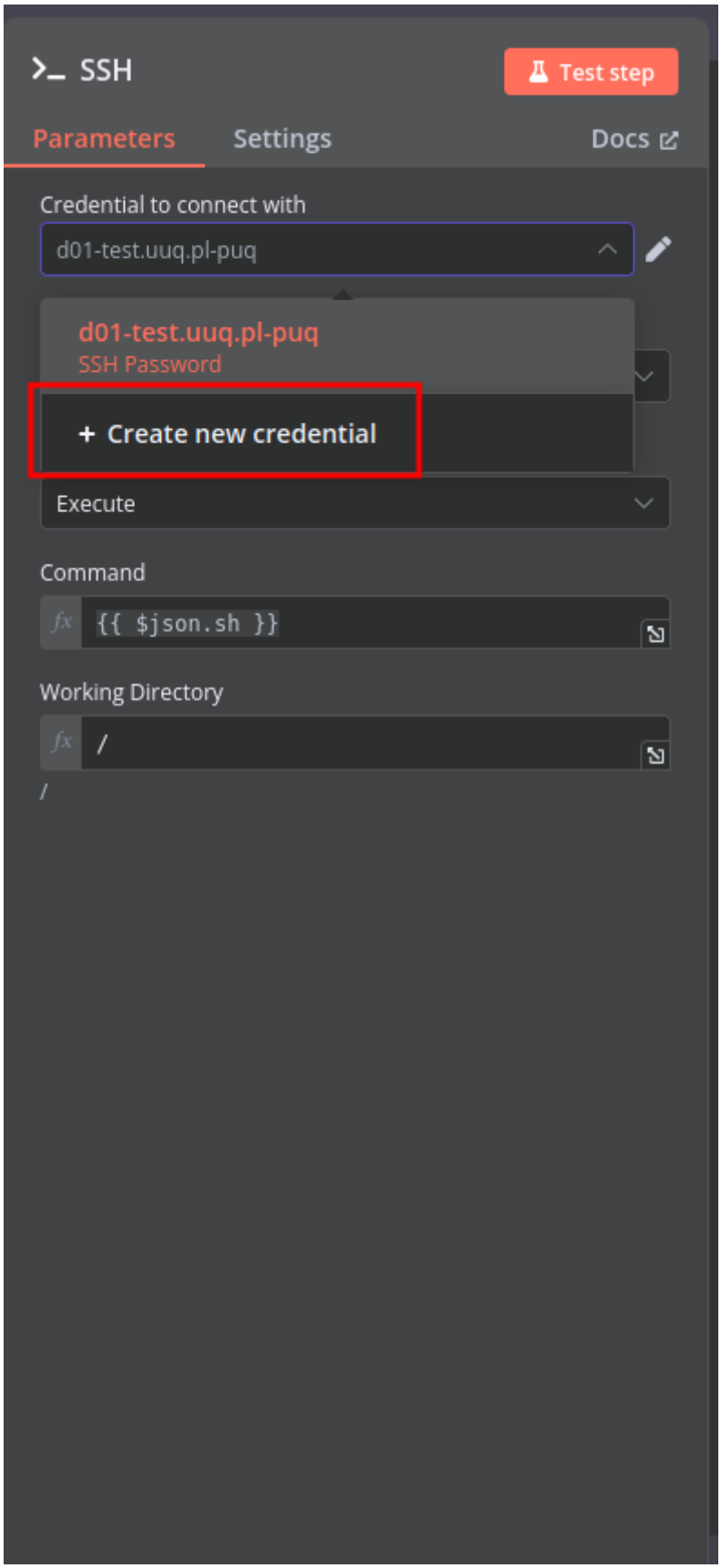


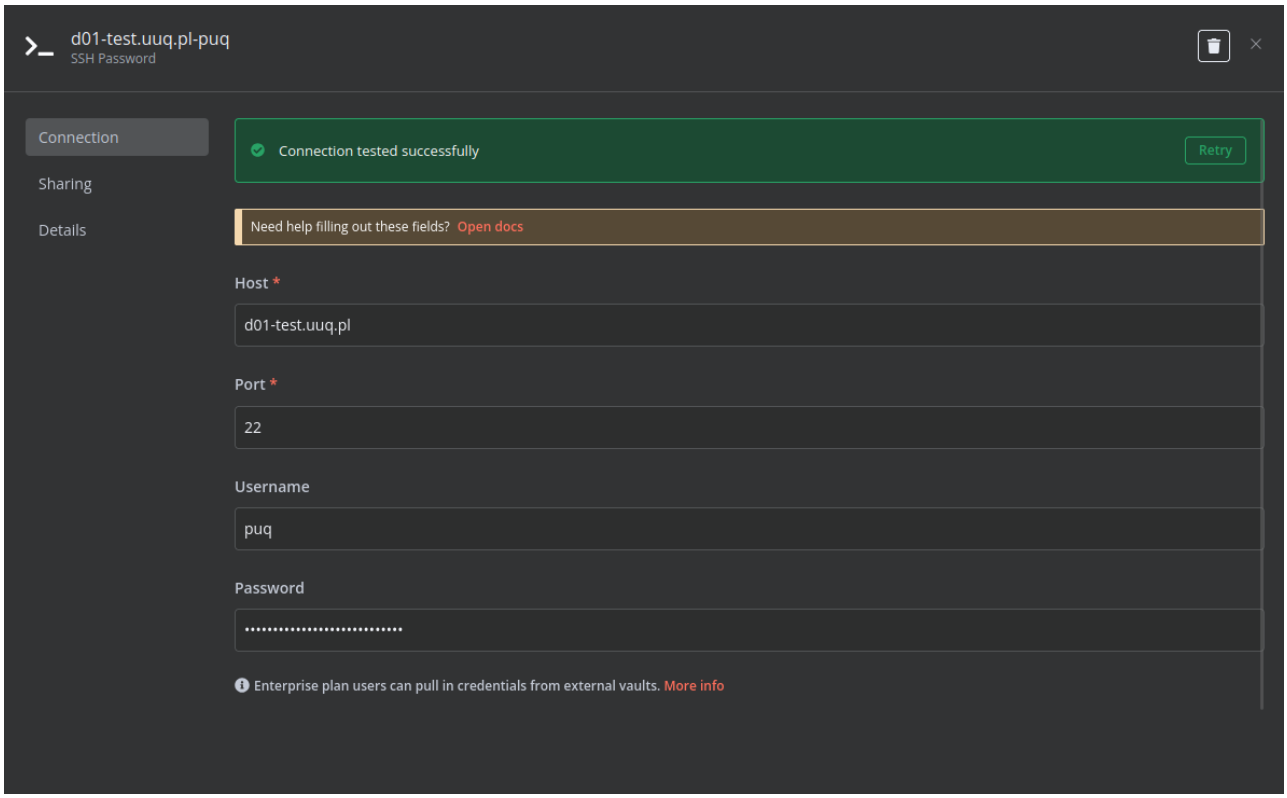

API
Listen for test event
Parameters
Settings
Docs
Webhook URLs
Test URL
Production URL
POST
https://n8n.puqcloud.com/webhook-test/docke
r-influxdb
HTTP Methods
POST
Path
docker-influxdb
Authentication
Basic Auth
Credential for Basic Auth
InfluxDB
Basic Auth
Immich
Basic Auth
InfluxDB
Basic Auth
MinIO
Basic Auth
n8n
Basic Auth
Vaultwarden
Basic Auth
+ Create new credential



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

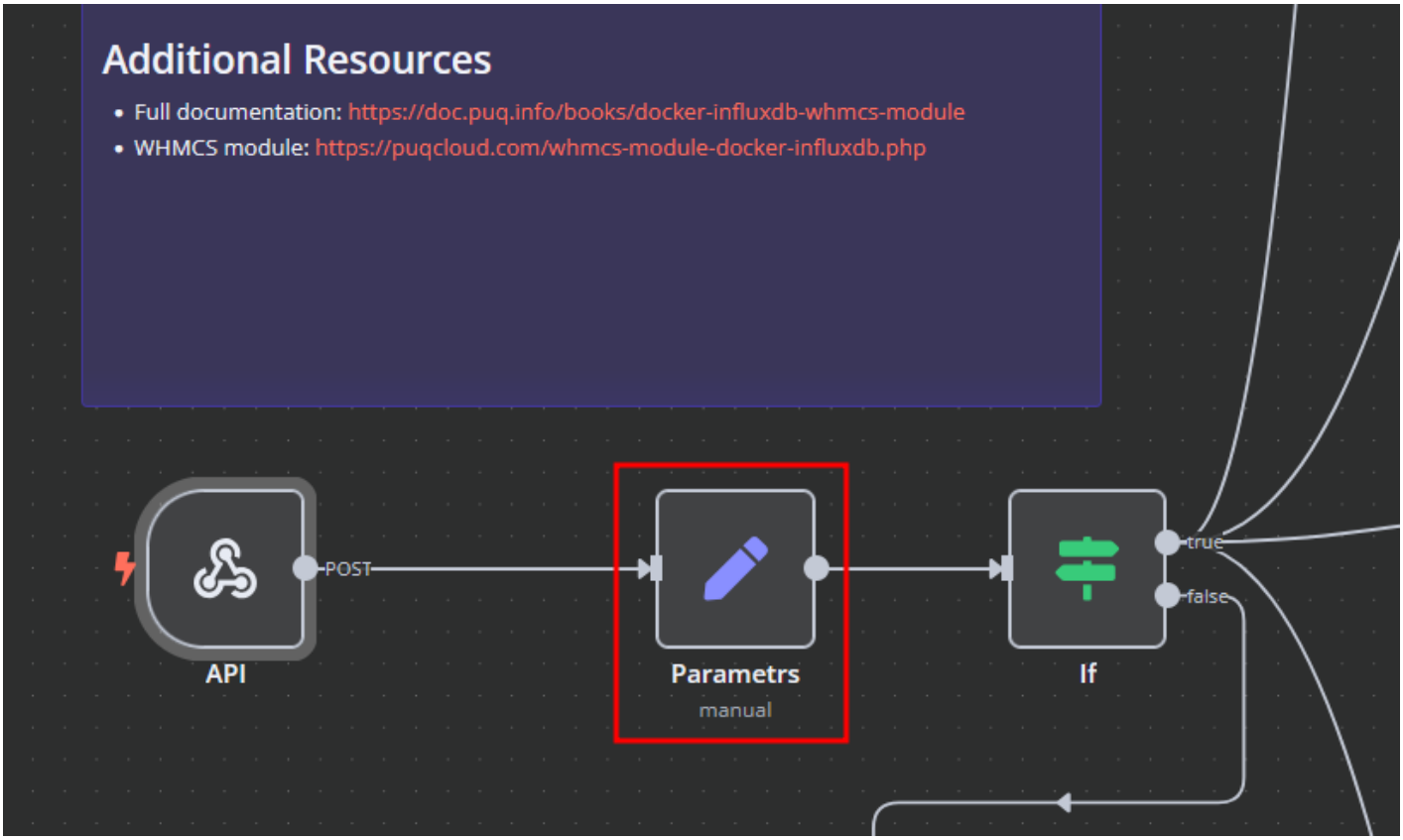


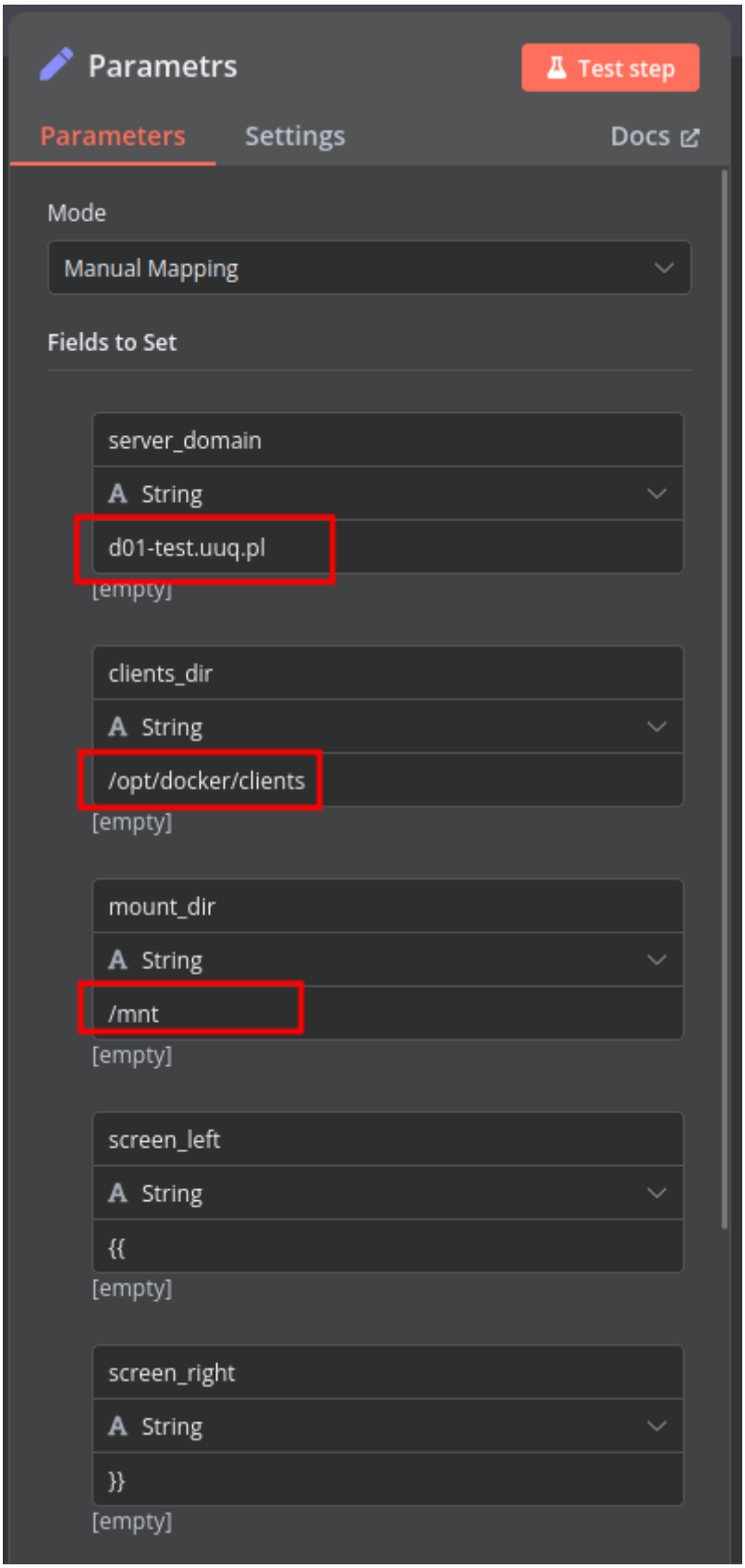

SSH
Test step
Parameters
Settings
Docs
Credential to connect with
d01-test.uuq.pl-puq
d01-test.uuq.pl-puq
SSH Password
+ Create new credential
Execute
Command
{{ $json.sh }}
Working Directory
/
/



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).

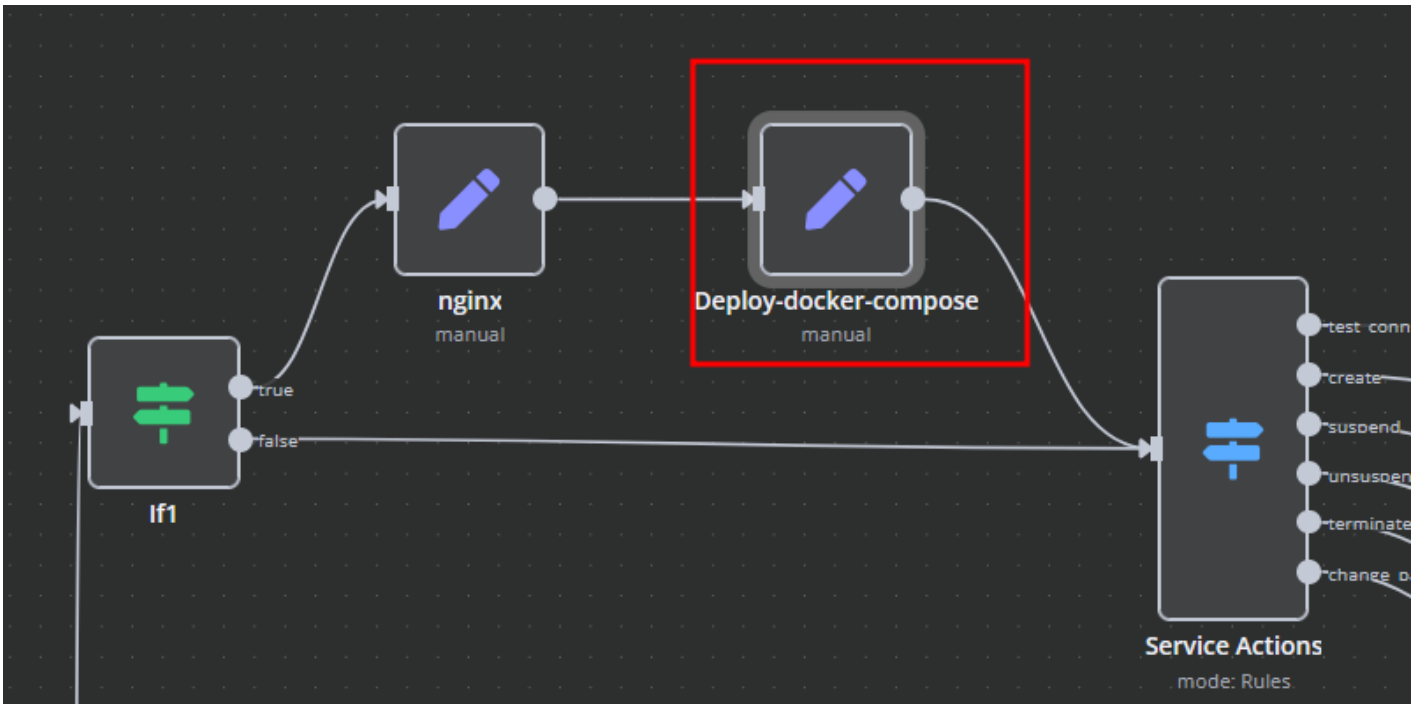
Do not modify the following technical parameters:

- `screen_left`
- `screen_right`

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"

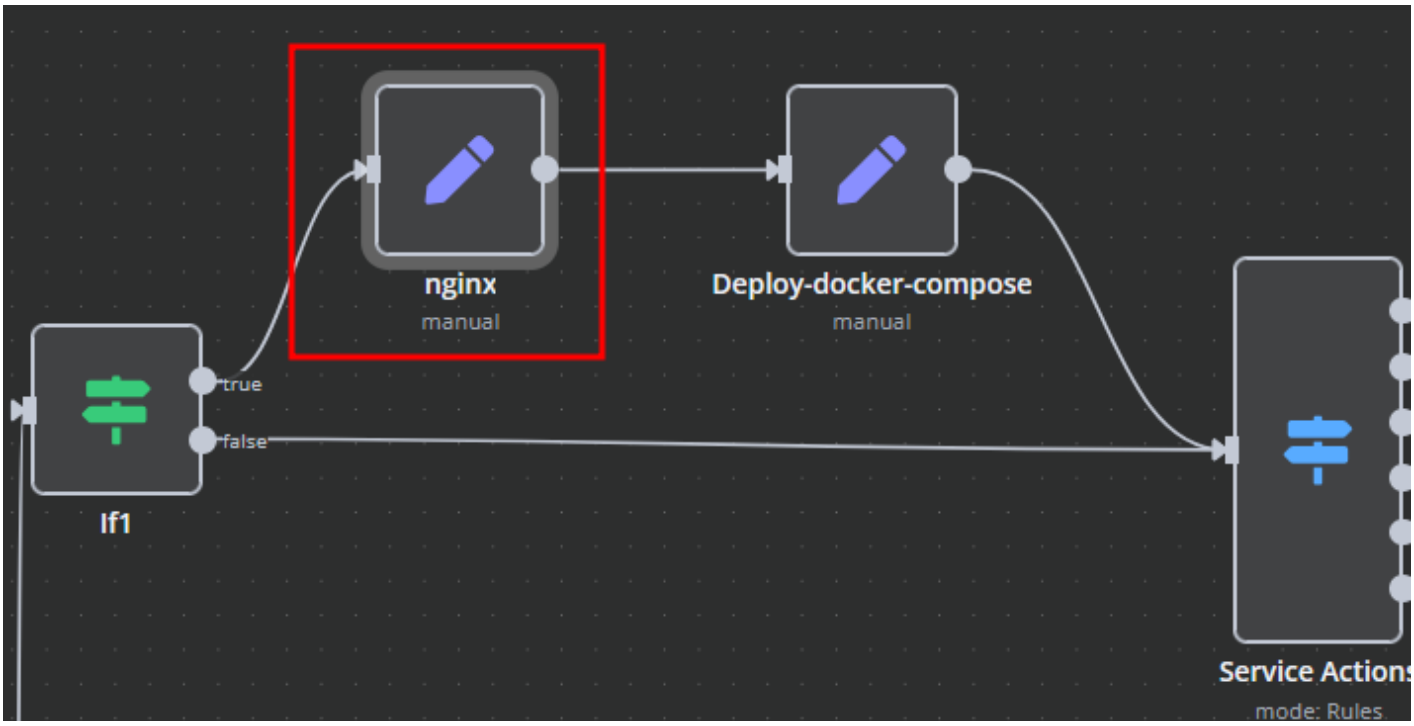
services:
  {{ $('API').item.json.body.domain }}_influxdb:
    container_name: {{ $('API').item.json.body.domain }}_influxdb
    image: influxdb:2.7
    restart: unless-stopped
    volumes:
      - {{ $('Parametrs').item.json.mount_dir }}/{{ $('API').item.json.body.domain }}/lib:/var/
lib/influxdb2
      - {{ $('Parametrs').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 | =

```
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;
```

proxy_pass_header Server; proxy_set_header X-Real-IP $remote_addr; proxy_set_he...

Drag input fields here or Add Field

Include Other Input Fields

Options

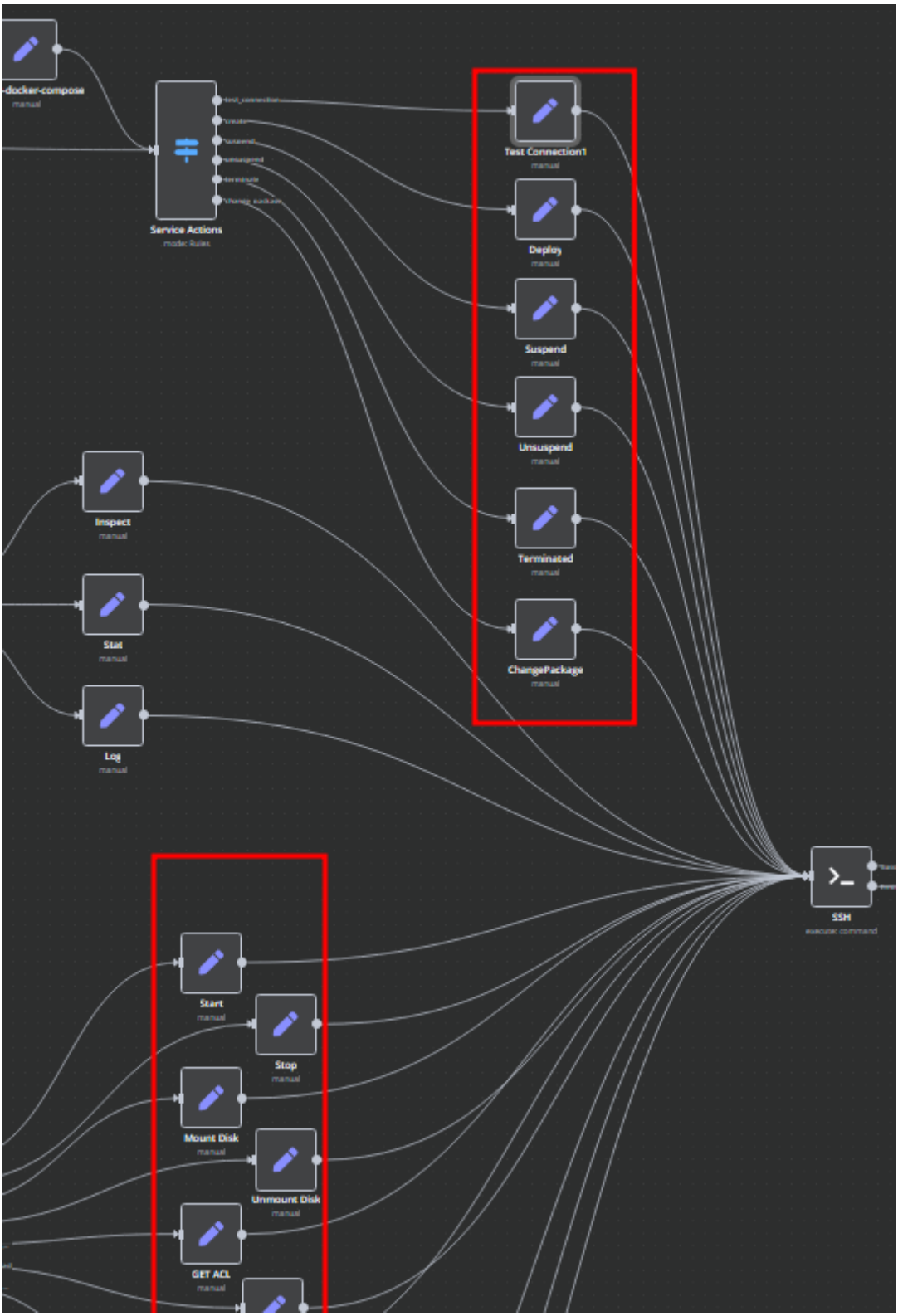
No properties

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.


-docker-compose
manual
Service Actions
mode: Rules
Test Connection1
manual
Deploy
manual
Suspend
manual
Unsuspend
manual
Terminated
manual
ChangePackage
manual
Inspect
manual
Stat
manual
Log
manual
Start
manual
Stop
manual
Mount Disk
manual
Unmount Disk
manual
GET ACL
manual
SSH
execute command

Add server

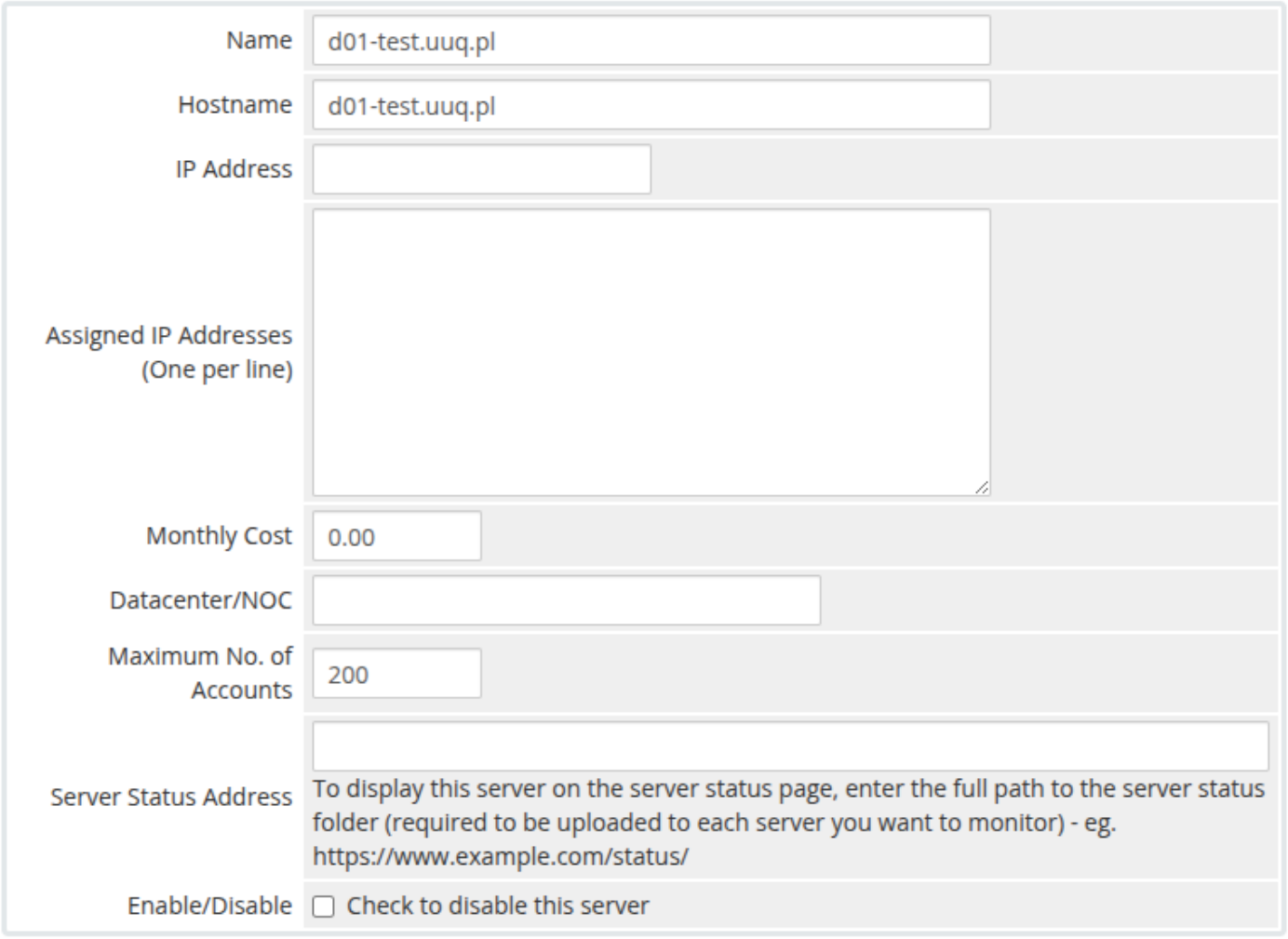
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Add a new server to the system WHMCS.

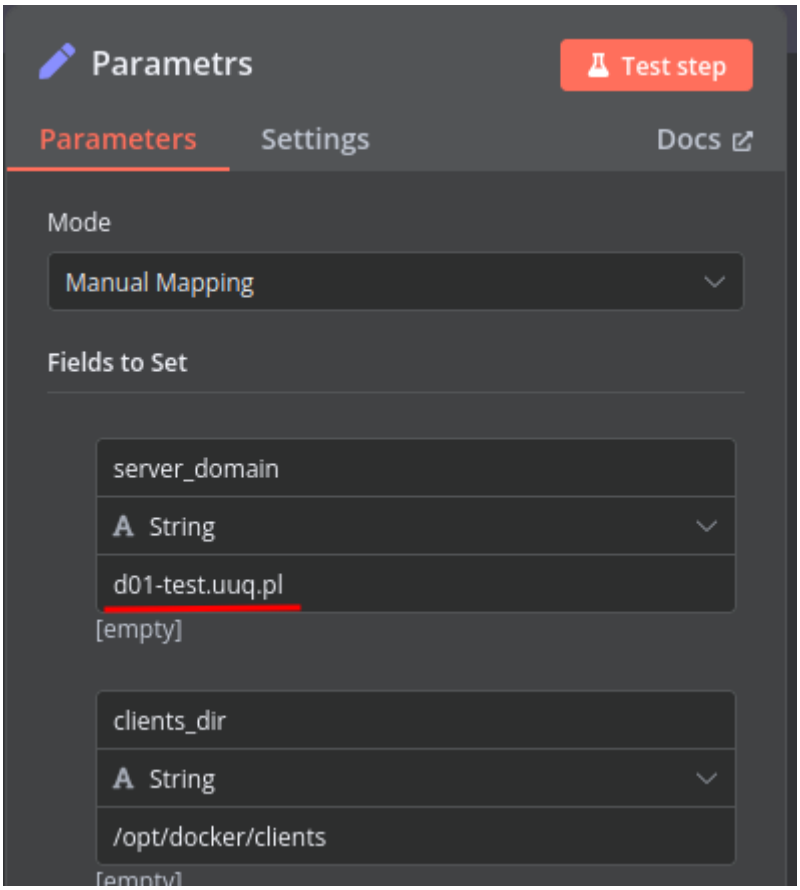
```
System Settings->Servers->Add New Server
```

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



Attention: Important Information

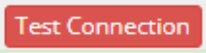
The **hostname** field represents the actual domain of the server running Docker and must match the **server_domain** parameter in the **n8n workflow**. If they do not match, communication will not function correctly.
Additionally, this domain must be configured so that all its subdomains resolve to the IP address of the server running Docker.

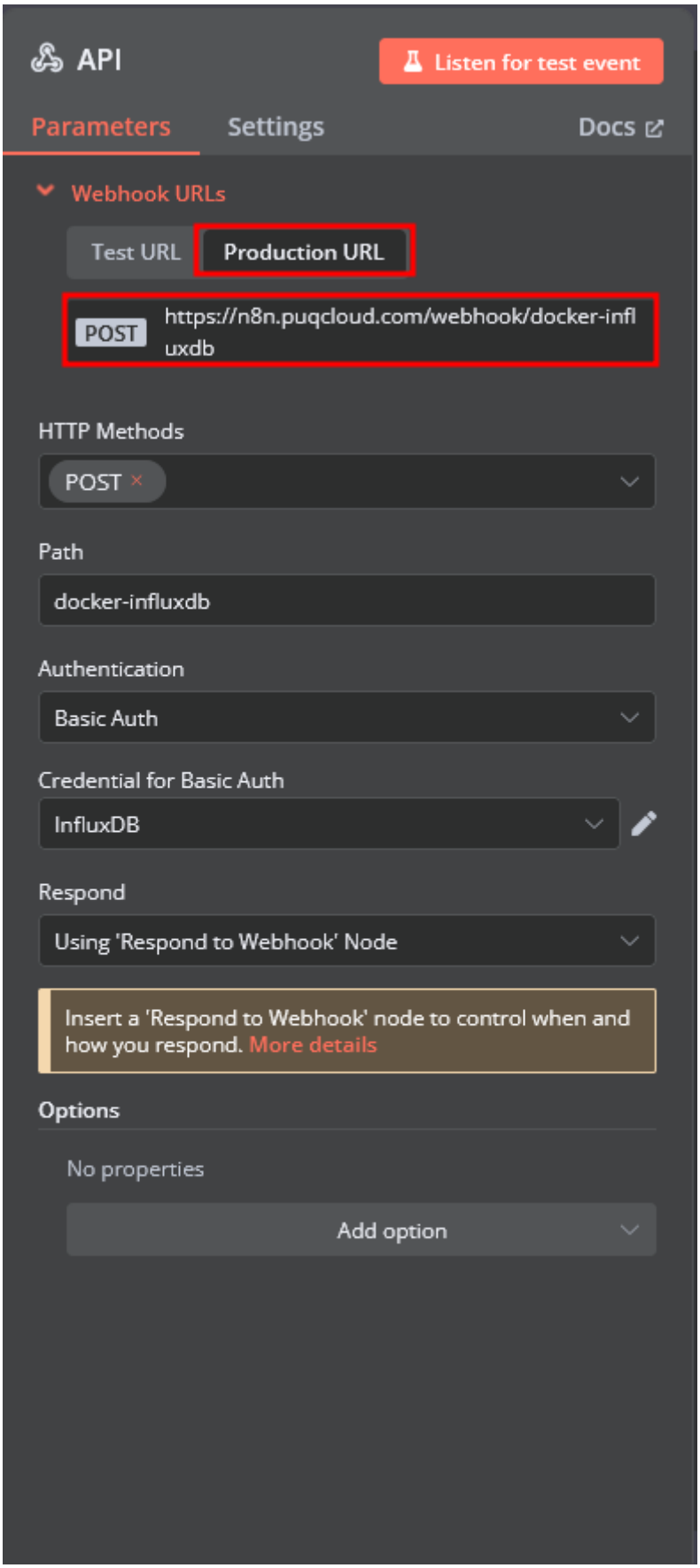


In the **Server Details** section, select the **"PUQ Docker InfluxDB"** module and enter the correct **username** and **password** for the **API endpoint** in the n8n workflow.

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

Server Details

Module	PUQ Docker InfluxDB  Test Connection ✔ Connection successful. Some values have been auto-filled.
Username	InfluxDB
Password	••••
Access Hash	https://n8n.puqcloud.com/webhook/docker-influxdb
Secure	☑ Check to use SSL Mode for Connections


API
Listen for test event
Parameters
Settings
Docs
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

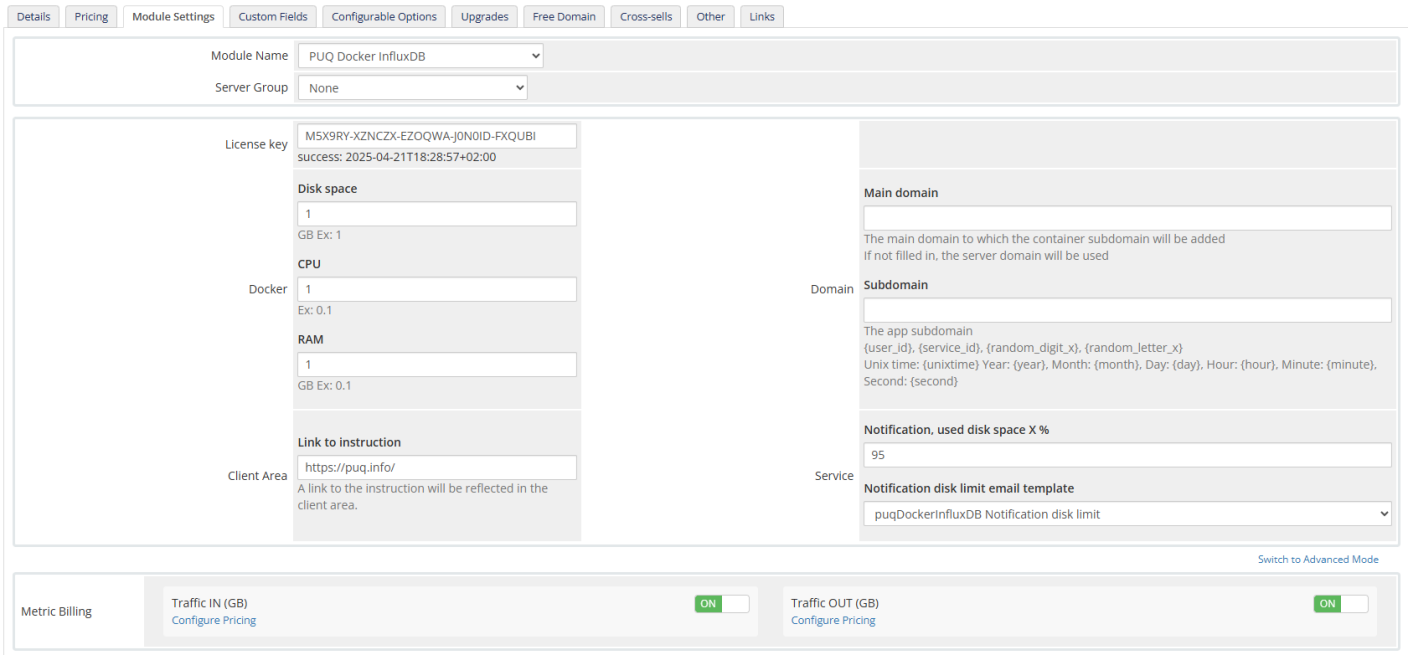
- **License key –** A pre-purchased license key for the **"PUQ Docker InfluxDB"** module. For the module to work correctly, the key must be active
- **Disk space** – defines the allocated disk size for the Docker container.
- **CPU** – sets the CPU usage limit for the Docker container.
- **RAM** – specifies 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.



Installation and configuration guide

Metric Billing

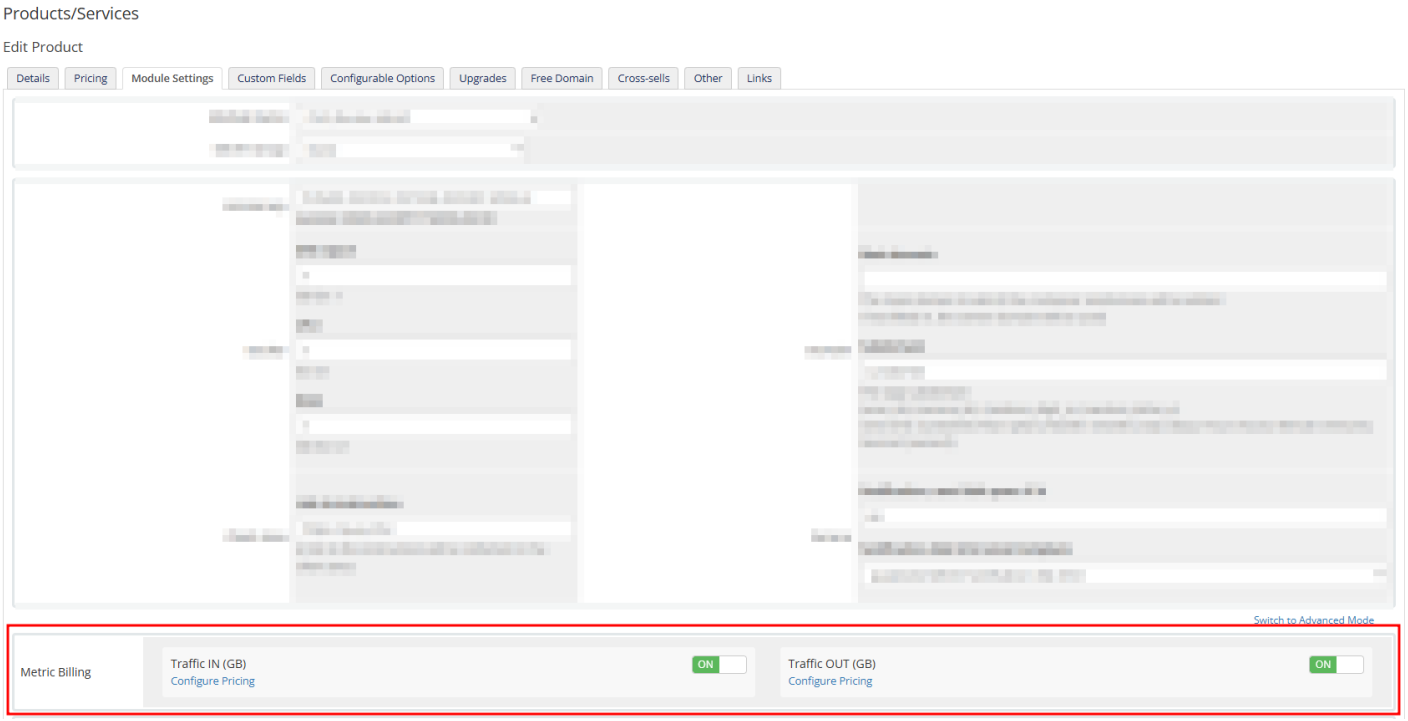
Docker InfluxDB module **WHMCS**

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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/



Configure Pricing

Traffic IN (GB)

Metric Type: Monthly

Metric Unit: GigaBytes

Pricing

Scheme:

(•) Per Unit ⓘ ( ) Total Volume ⓘ ( ) Graduated ⓘ

Quantity Included

0.00

Price Per GB			
PLN	EUR	UAH	USD
1.00	1.00	1.00	1.00

Close Save

Email Template (puqDockerInfluxDB Welcome Email)

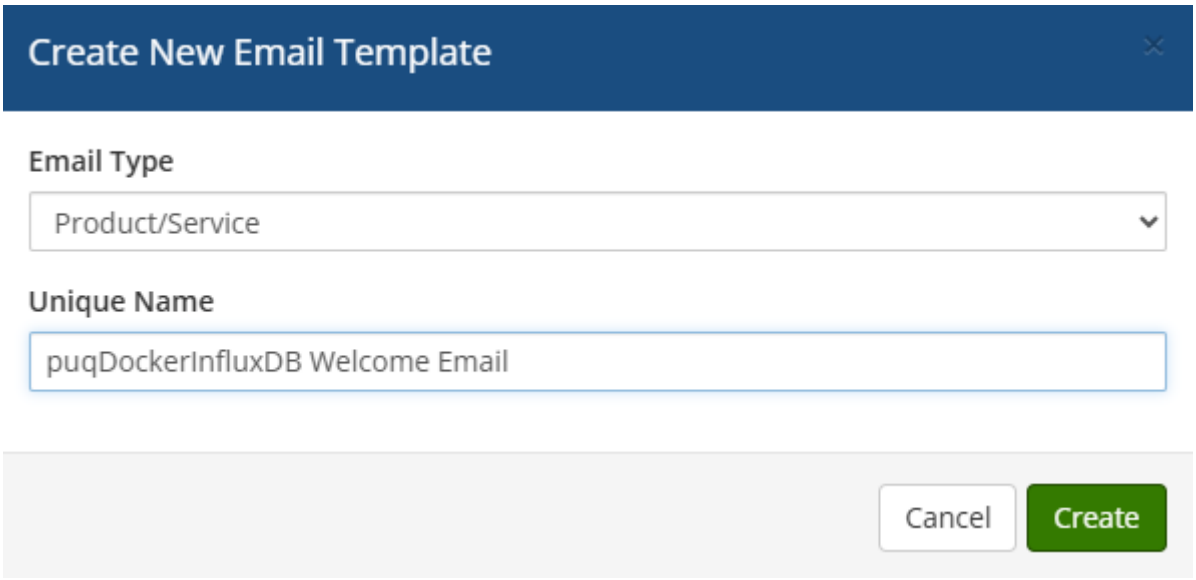
Docker InfluxDB module **WHMCS**

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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:** puqDockerInfluxDB Welcome Email



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

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}

P

82 WORDS POWERED BY TINYMCE

Email Template (puqDockerInfluxDB Update Email)

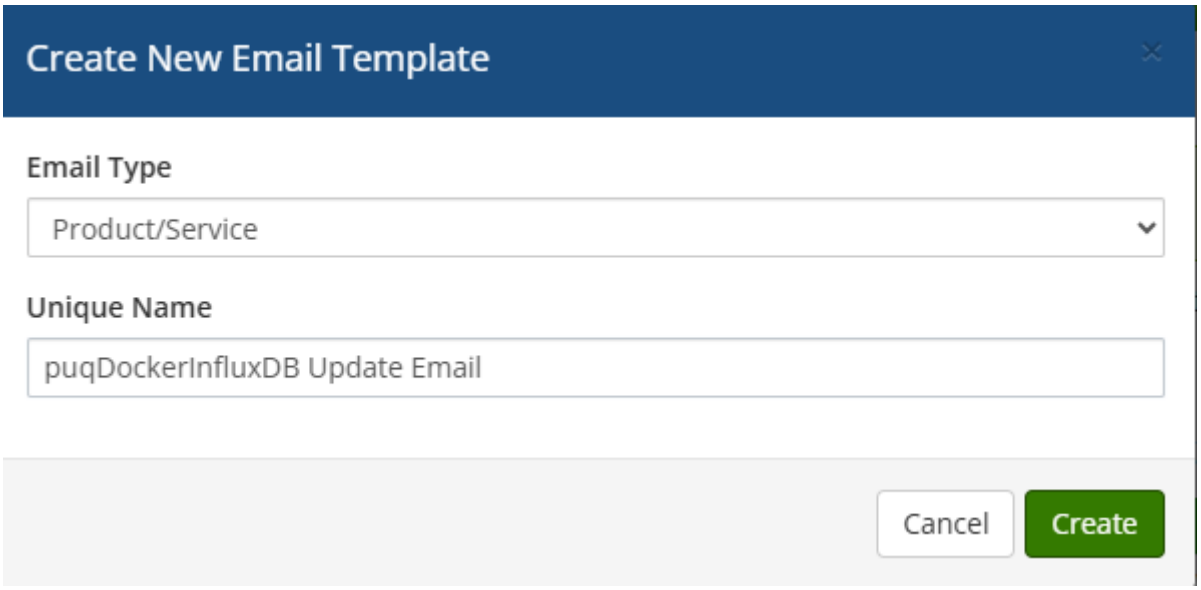
Docker InfluxDB module **WHMCS**

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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:** puqDockerInfluxDB Update Email



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}/
Thank you for choosing us.

{$signature}
```

Subject: InfluxDB Update Information

File Edit View Insert Format Table Help

Paragraph Verdana 11pt

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}/
Thank you for choosing us.

{$signature}

P 38 WORDS POWERED BY TINYMCE

Email Template (puqDockerInfluxDB Notification disk limit)

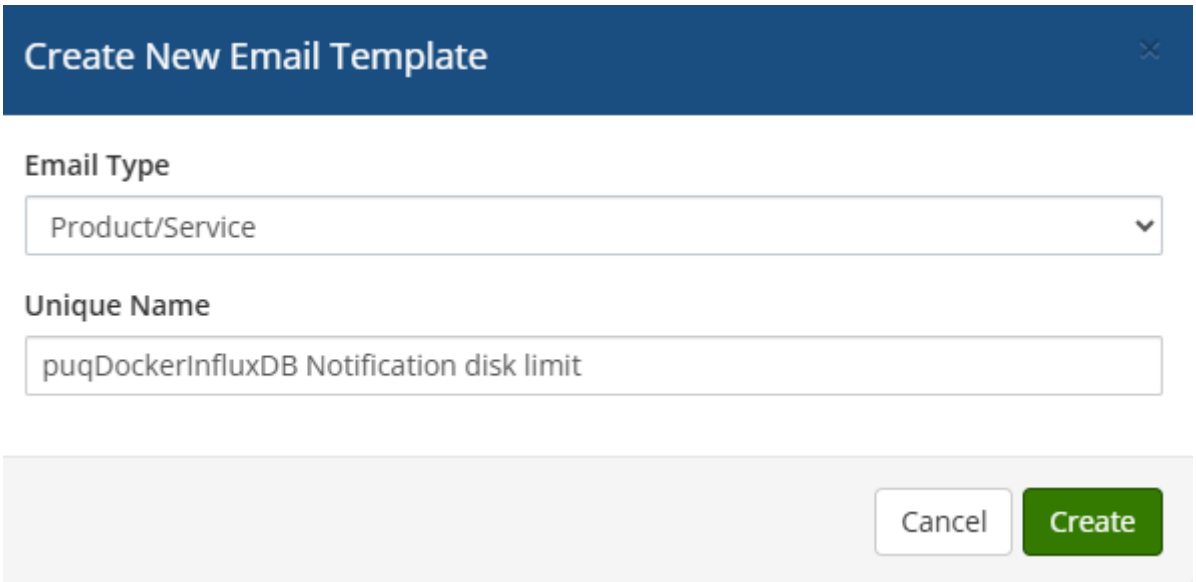
Docker InfluxDB module **WHMCS**

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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:** puqDockerInfluxDB Notification disk limit



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

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	99.97%
Memory usage	62.27MiB / 1GiB 6.08% 93.92%
Disk IO	168kB / 4.6MB
Disk mounted	216K/974M 1% 99%
Disk file	34M
Network IO	303kB / 85.8MB

App

Refresh

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

Client Area

Home screen

Docker InfluxDB 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 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.

Manage | Metrics

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 1 99%

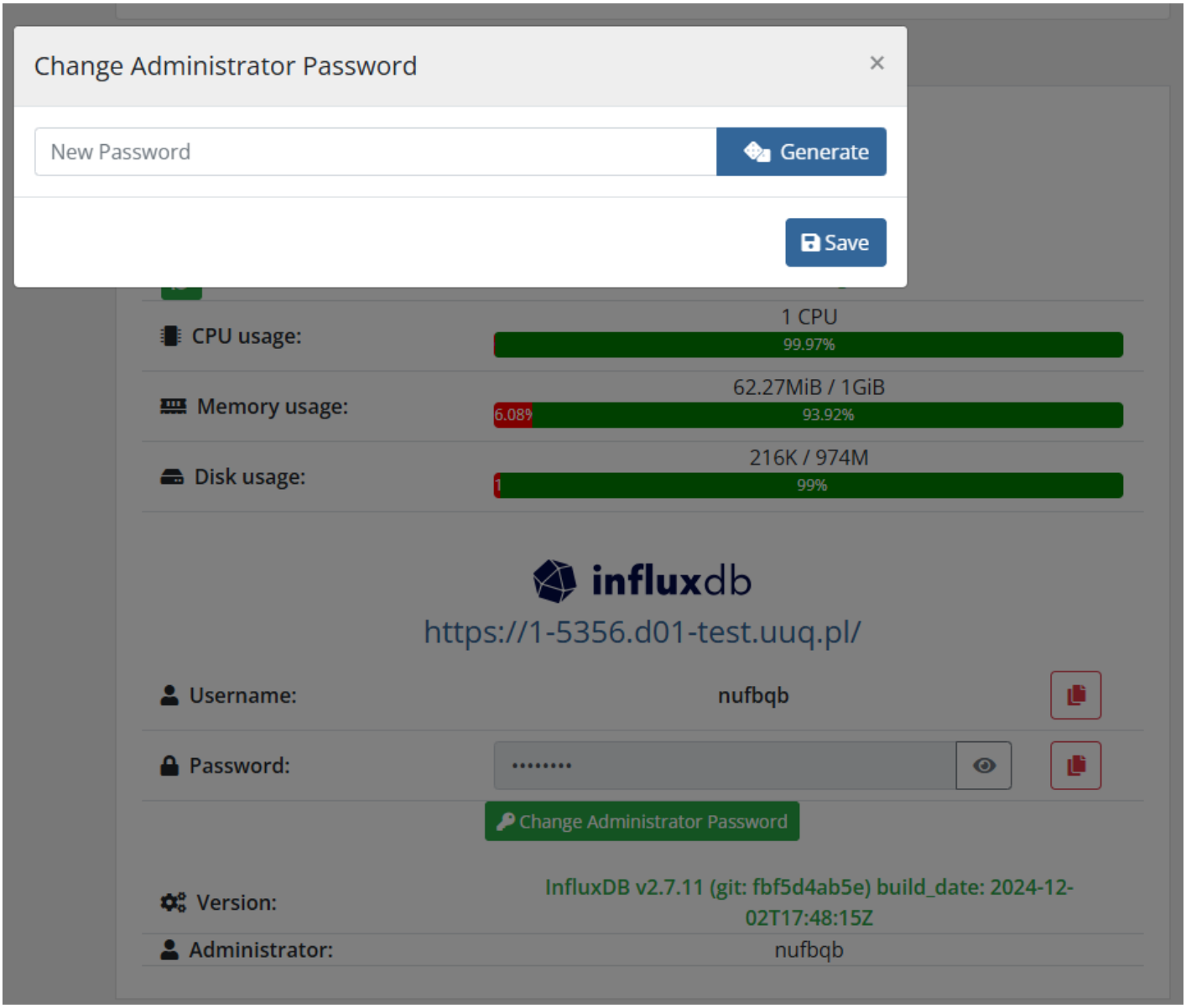
influxdb

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
New Password
Generate
Save
CPU usage:
1 CPU
99.97%
Memory usage:
62.27MiB / 1GiB
6.08%
93.92%
Disk usage:
216K / 974M
1
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

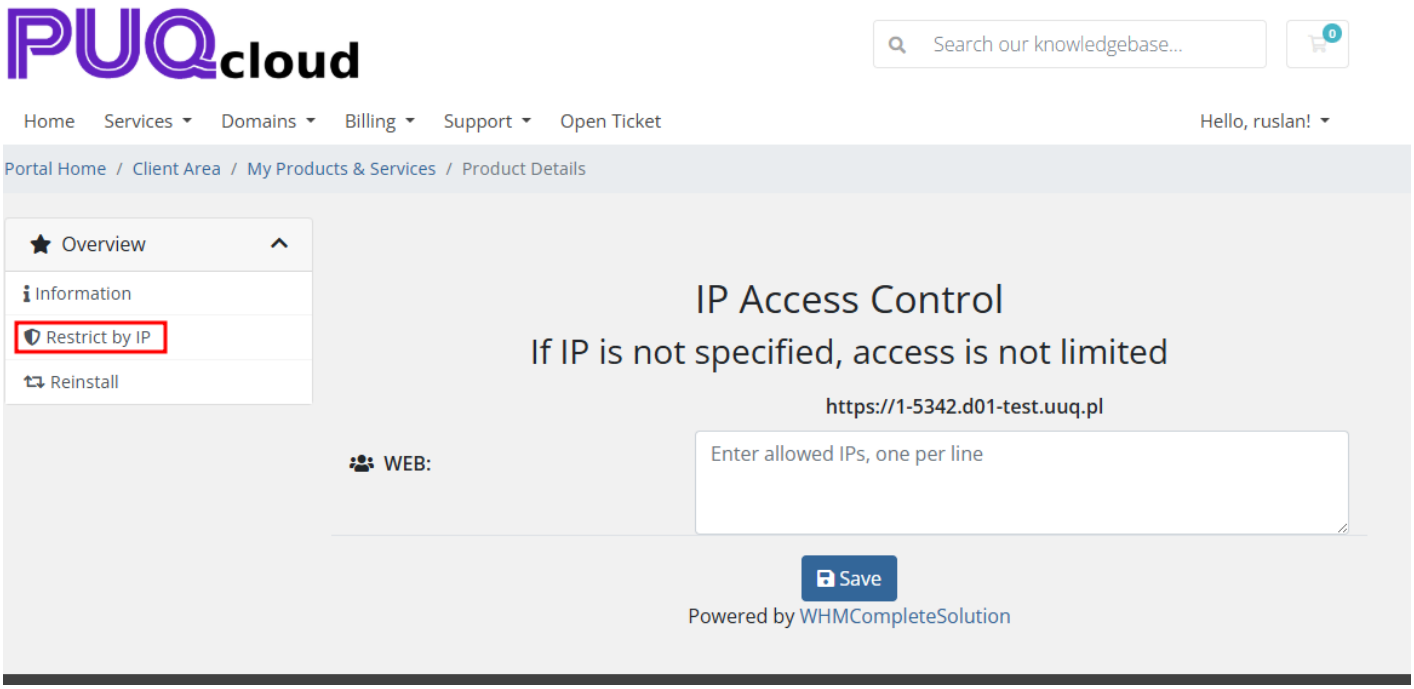
IP Access Control

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.



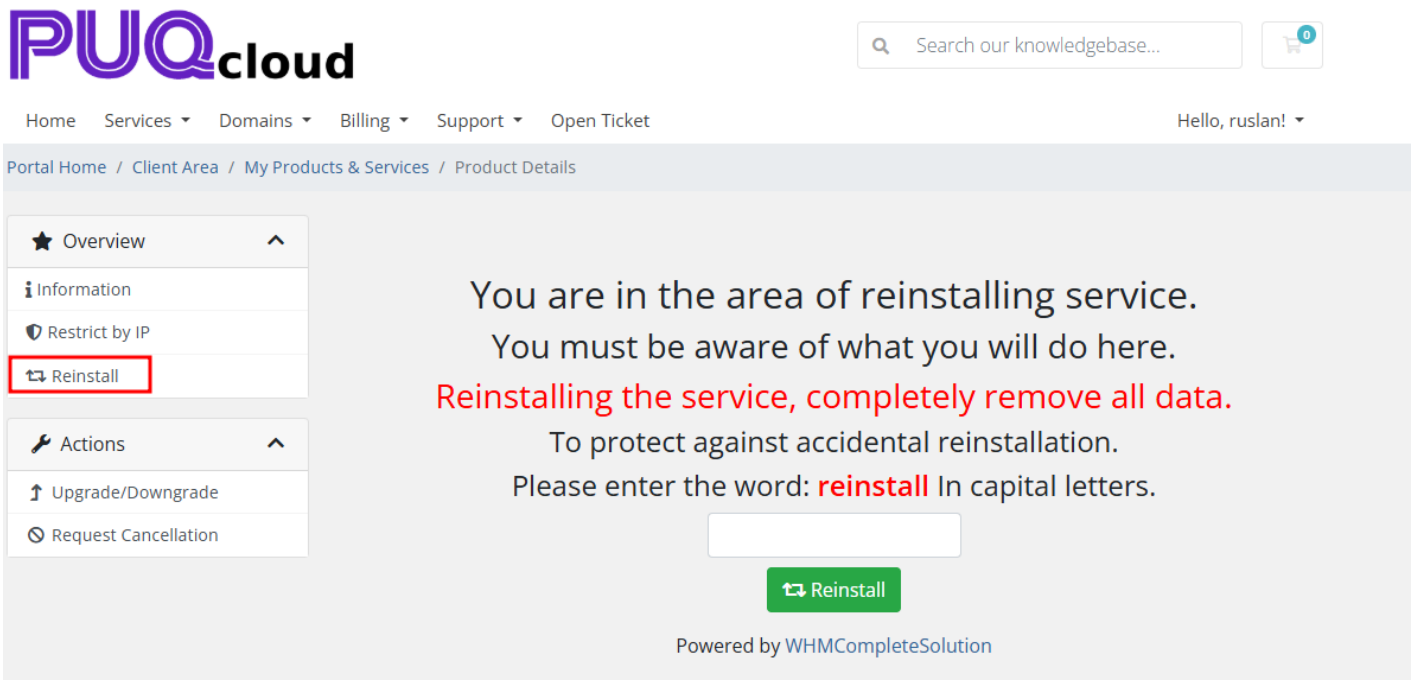
Reinstall

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**.



Client Area

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.

