

Docker Immich WHMCS module

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

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Description

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

Key Features

Automated Container Management

- Automatic creation of an **Immich** 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 **Immich** 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

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 Immich 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 **Immich instances** through WHMCS easy, automated, and flexible!  

[Go to Immich](#)[User manual](#)

Status:

running



CPU usage:

1 CPU

99.73%



Memory usage:

778.3MiB / 1GiB

76%

24%



Disk usage:

3.0G / 9.8G

32%

68%



immich

<https://1-5342.d01-test.uuq.pl/>[Change Administrator Password](#)

Version:

2.2.53



Administrator:

it@puq.pl



Users:

Module Commands

CreateSuspendUnsuspendTerminateChange PackageContainer StartContainer StopMount diskUnmount disk

API Connection status

API Connection OK

Container

RefreshLog

StatusRunning

Name1-5342.d01-test.uuq.pl_immich (8e14264d1726)

CPU usage99.52%

Memory usage776.1MiB / 1GiB75.79%24.21%

Disk IO153MB / 555MB

Disk mounted3.0G/9.8G32%68%

Disk file3.1G

Network IO548MB / 1.09GB

Dependent Containers

Refresh

StatusRunning

Name1-5342.d01-test.uuq.pl_ml (30d0e4fb5a29)

CPU usage99.78%

Memory usage210.2MiB / 1GiB20.52%79.48%

StatusRunning

Name1-5342.d01-test.uuq.pl_db (7987ee80297)

CPU usage99.99%

Memory usage183.9MiB / 1GiB17.96%82.04%

StatusRunning

Name1-5342.d01-test.uuq.pl_redis (b3200c47ac80)

CPU usage99.73%

Memory usage9.777MiB / 1GiB99.05%

App

Refresh

Version2.2.53

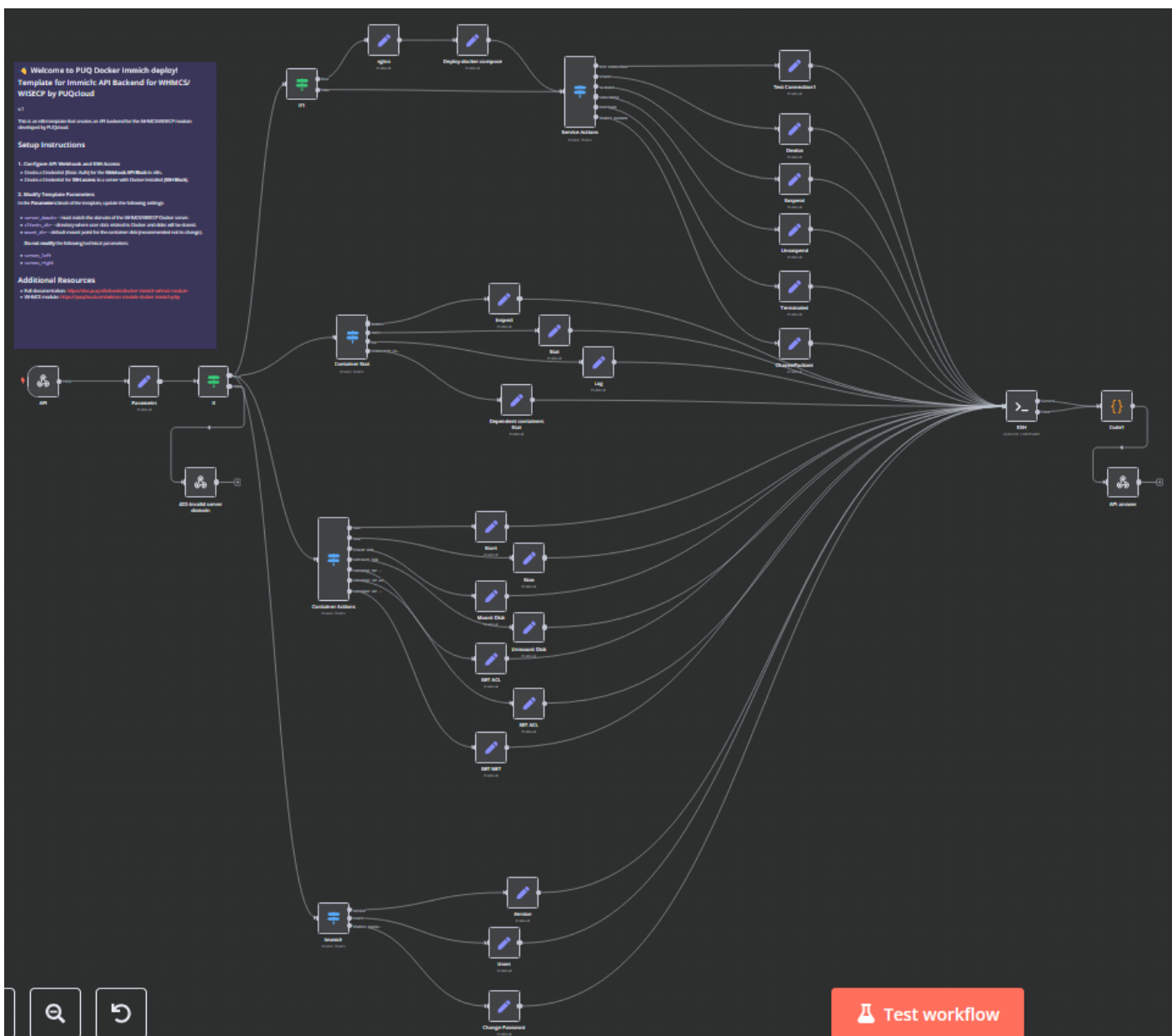
Usersit@puq.pl

Metric Statistics

MetricEnabledCurrent UsageLast Update

Traffic IN (GB)✓0.49 GB6 hours ago

Traffic OUT (GB)✓0.67 GB6 hours ago



What is Immich

Docker Immich module **WHMCS**

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What is Immich? An Overview of the Self-Hosted Photo and Video Storage Platform

Immich is an open-source, self-hosted solution for photo and video storage that emphasizes user privacy and control. Unlike cloud services where your data is stored on third-party servers, Immich allows you to host your media library on your own hardware. This gives you complete control over your data and helps ensure its privacy.

Key Features and Characteristics of Immich

- **Self-Hosted:** Your photos and videos are stored on your own servers, providing maximum control over data privacy and security.
- **Open Source:** As an open-source project, Immich allows anyone to inspect, contribute to, and adapt the software to suit their needs.
- **Privacy-Focused Functionality:** Immich is designed with privacy in mind, and your data is not shared with or used by third parties.
- **Active Development:** Immich is still in active development, so users should be prepared for potential bugs and changes. The developers caution against using Immich as the sole storage method for your photos and videos.

Mobile Apps and Web Interface

Immich offers mobile apps for both Android and iOS, allowing users to easily upload and access their media on the go. There's also a web interface for managing your library from any browser.

Is Immich Right for You?

Immich can be an excellent option for tech-savvy users who want control over their photos and videos. It's particularly appealing for those concerned about privacy and who prefer to keep their data on their own hardware rather than in the cloud.

However, as Immich is in active development, caution should be exercised when using it to store critical data. Nonetheless, for those seeking a self-hosted, privacy-oriented solution for media management, Immich offers a promising open-source platform.

Remember to regularly back up your data and stay updated with the latest developments in the Immich project if you decide to use it.

[image-1742323351681.webp](#)

Image not found or type unknown

Changelog

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v1.1 Released 28-04-2025

1. Support for multi-service docker backend
 2. Support custom domain names via PowerDNS
 3. Support configuration options, CPU, RAM, DISK
-

v1.0 Released 18-03-2025

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 Immich module** is part of the **WHMCS Docker module series** developed by **PUQcloud**. This module enables service providers to offer **Immich 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-Immich/php82/PUQ_WHMCS-Docker-Immich-latest.zip
```

PHP 8.1

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

PHP 7.4

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

```
Docker-Immich-latest.zip
```

All versions are available via link:

https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-Docker-Immich/

2. Unzip the archive with the module.

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

3. Copy and Replace "puqDockerImmich" from "PUQ_WHMCS-Docker-Immich" to "WHMCS_WEB_DIR/modules/servers/"

Preparing Docker Server

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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

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Overview

The **Docker Immich 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

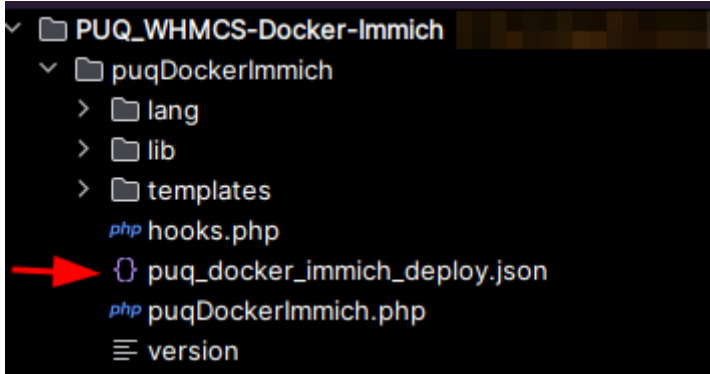
You have two options:

Option 1: Use the Latest Version from the n8n Marketplace

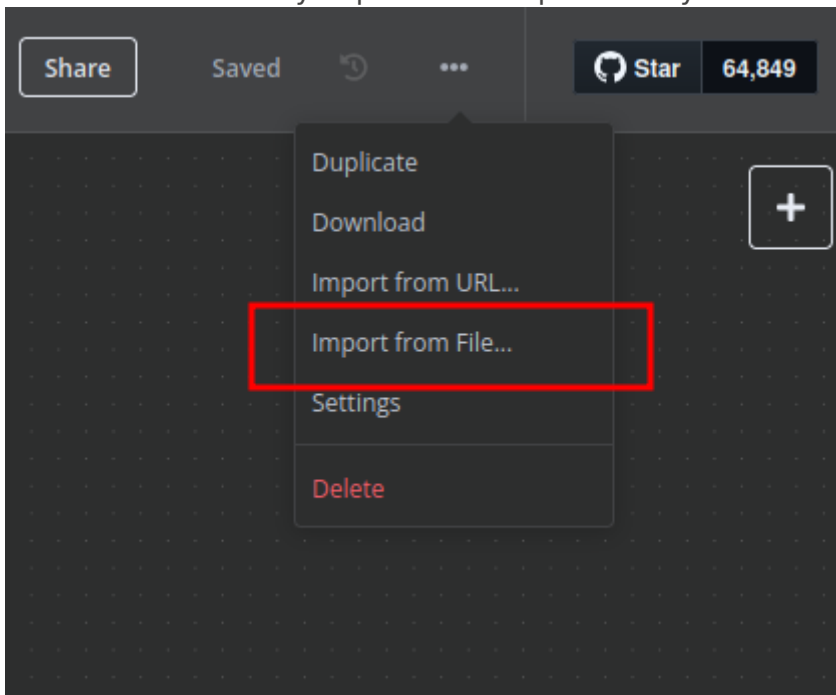
- The latest workflow templates for our modules are available on the official n8n marketplace.
- Visit our profile to access all available templates: [PUQcloud on n8n](#)

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

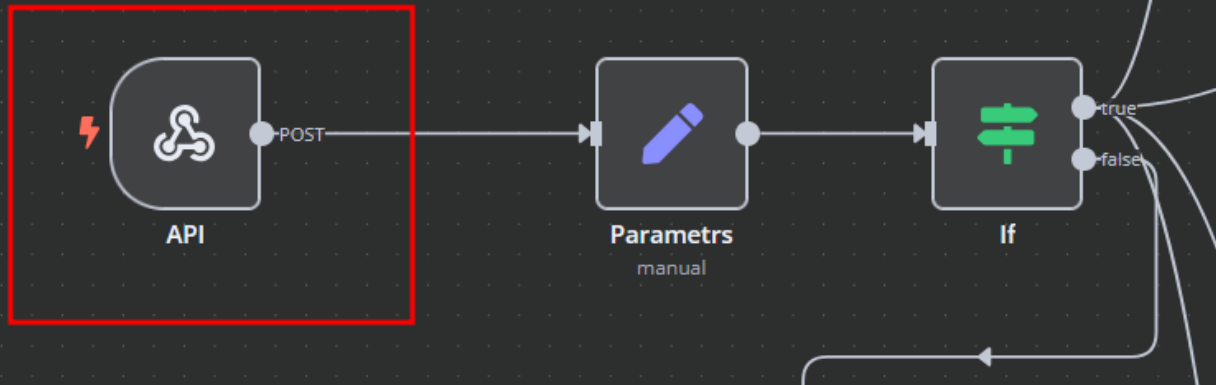
Configure API Webhook and SSH Access

- Create a **Basic Auth Credential**

for the Webhook API Block in n8n.

Additional Resources

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



▼ Webhook URLs

Test URL

Production URL

POST

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

HTTP Methods

POST 

Path


docker-immich



Authentication

Basic Auth 

Credential for Basic Auth

Immich  **Immich**Basic Auth **MinIO**Basic Auth **n8n**Basic Auth **Vaultwarden**Basic Auth **+ Create new credential**

 Immich
Basic Auth

Connection

Sharing

Details


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

User

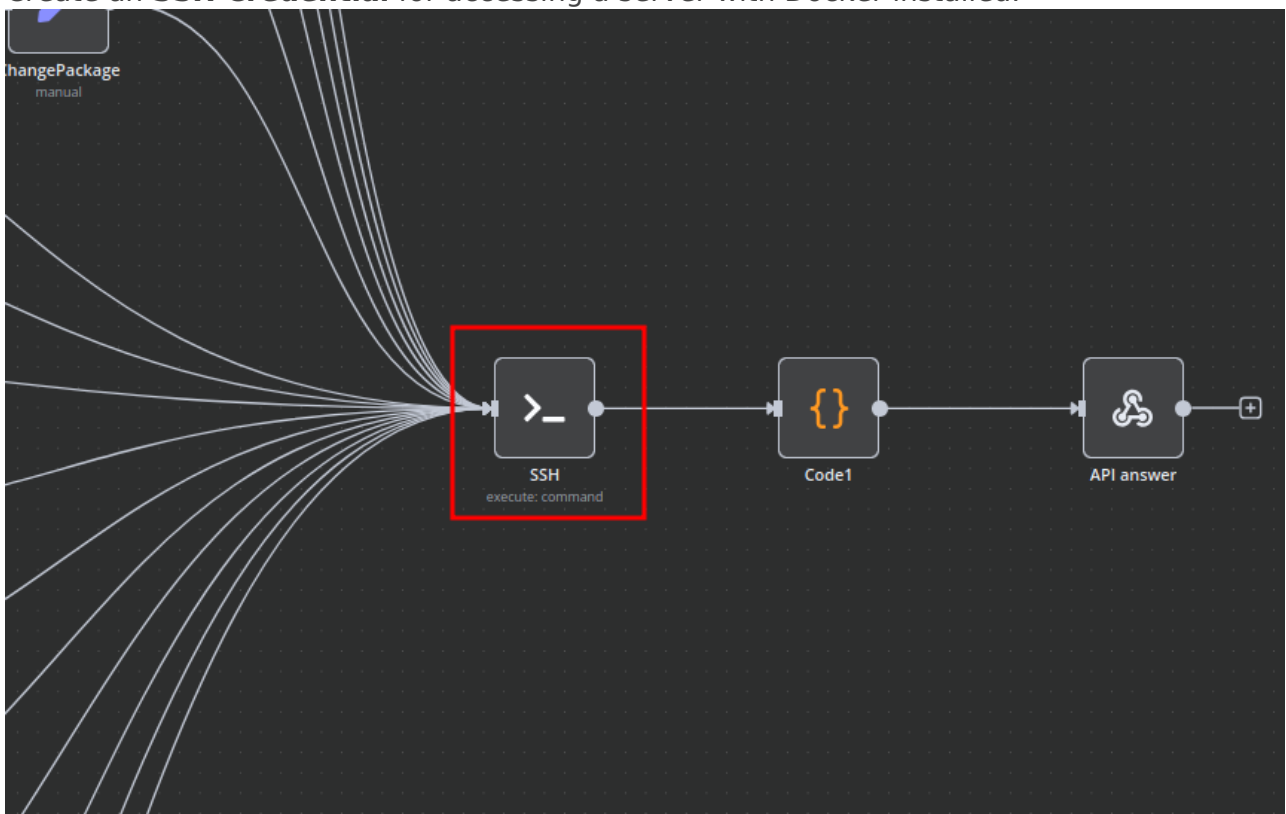
Immich

Password

••••

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

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



> SSH

Test step

Parameters

Settings

Docs

Credential to connect with

d01-test.uuq.pl-puq

d01-test.uuq.pl-puq
SSH Password

+ Create new credential

Execute

Command

fx {{ \$json.sh }}

Working Directory

fx /

>

d01-test.uuq.pl-puq

SSH Password

×

Connection

Sharing

Details

✔ Connection tested successfully

Retry

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

Host *

d01-test.uuq.pl

Port *

22

Username

puq

Password

.....

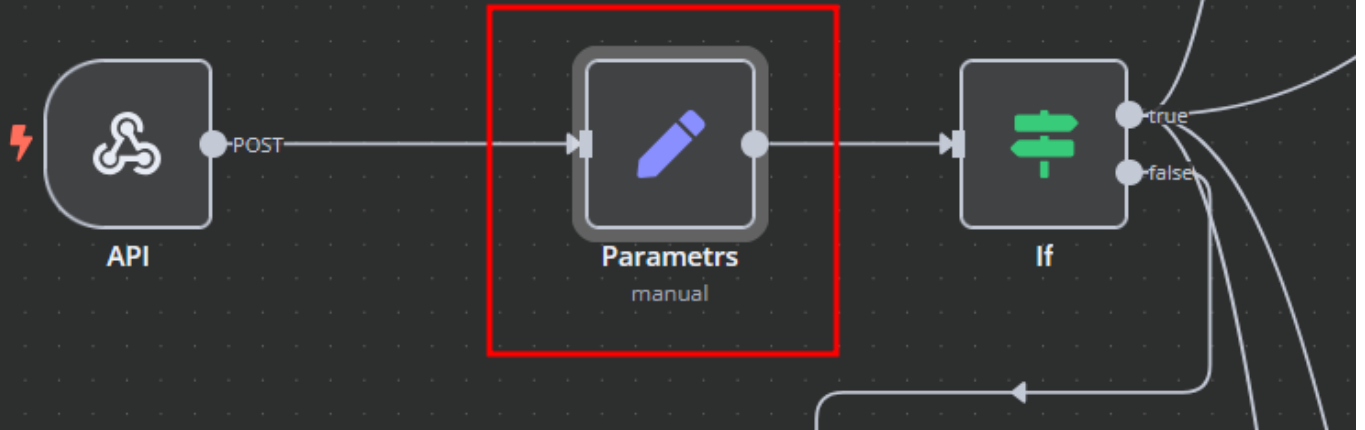
ⓘ Enterprise plan users can pull in credentials from external vaults. [More info](#)


Modify Template Parameters

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

Additional Resources


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




 **Parameters**

Parameters

Settings


Docs 

Mode

Manual Mapping 

Fields to Set


server_domain

A String 

d01-test.uuq.pl

[empty]


clients_dir

A String 

/opt/docker/clients

[empty]


mount_dir

A String 

/mnt

[empty]


screen_left

A String 

{{

[empty]

screen_right

A String 

}}

[empty]

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

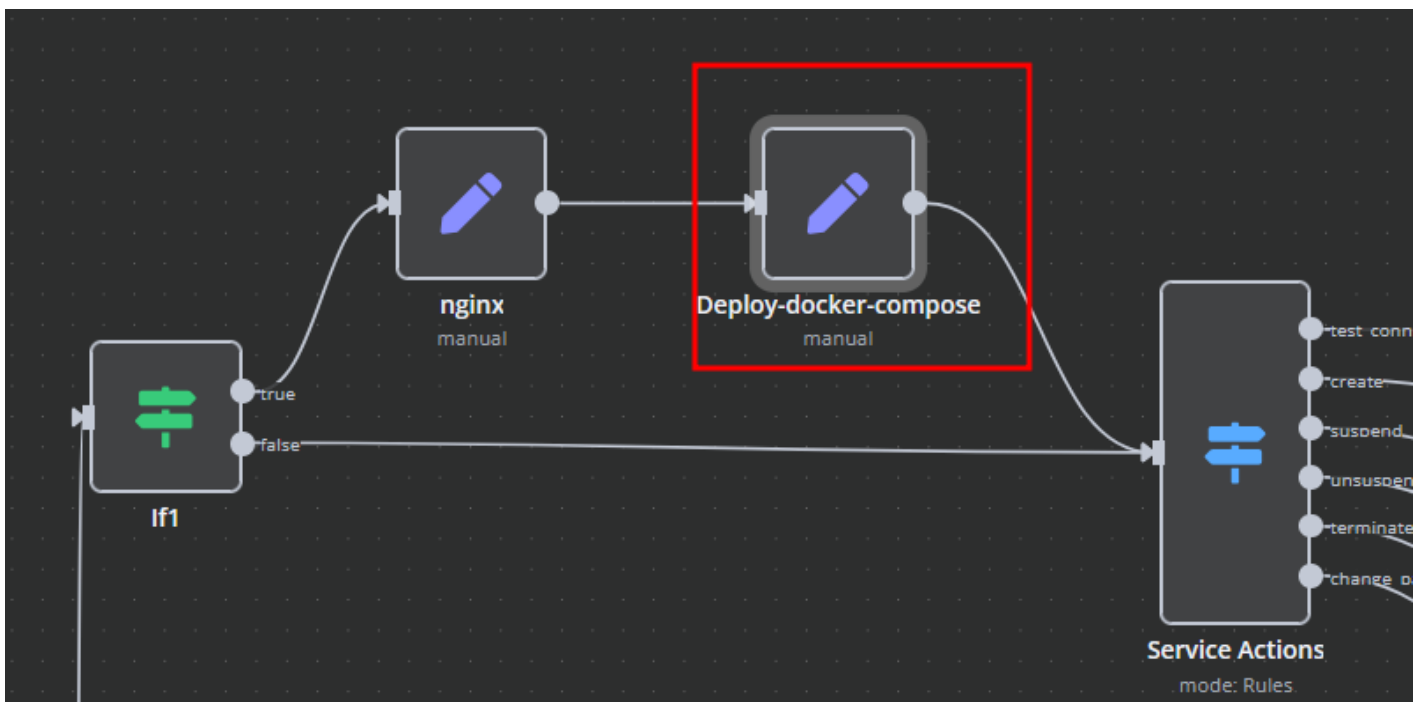
Do not modify the following technical parameters:

- `screen_left`
- `screen_right`

Deploy-docker-compose

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

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



Expression

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

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

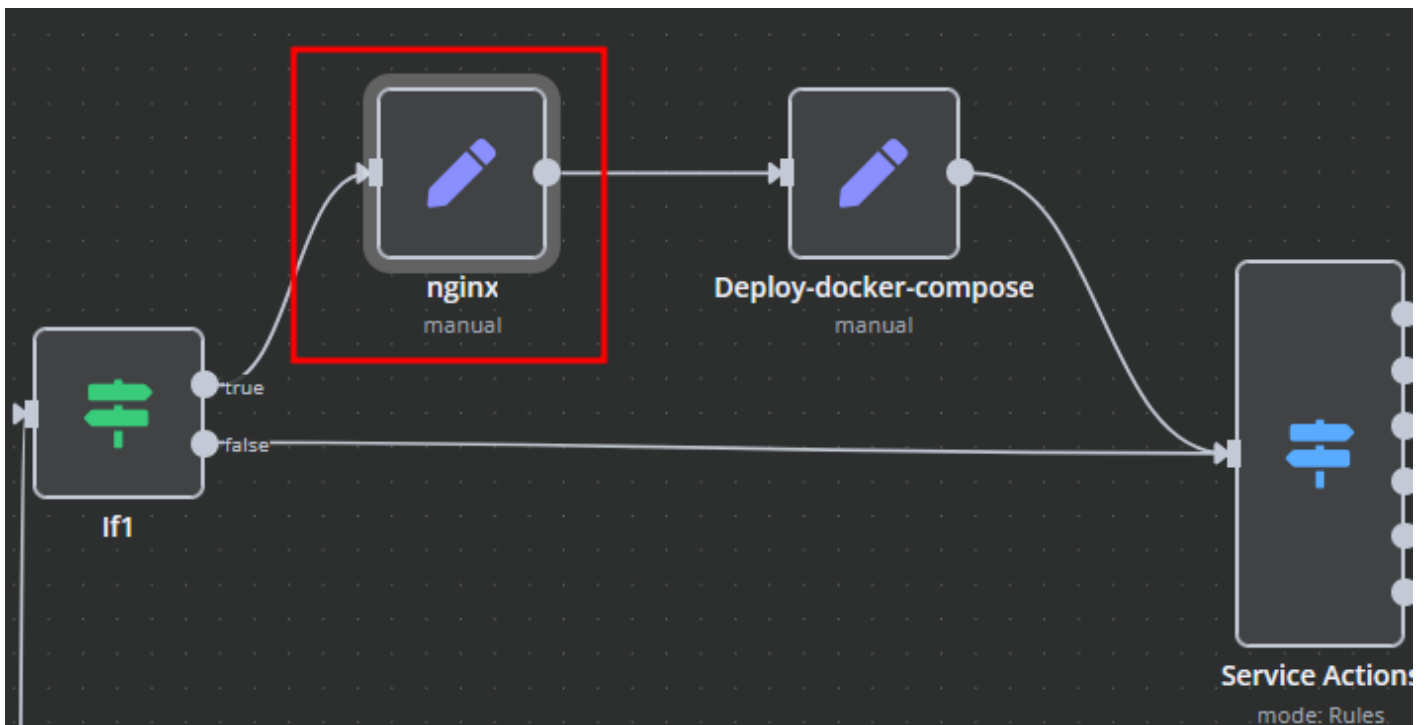
services:
  "{{ $('API').item.json.body.domain }}_immich:
    container_name: "{{ $('API').item.json.body.domain }}_immich
    image: ghcr.io/immich-app/immich-server:release
    restart: unless-stopped
    volumes:
      - "{{ $('Parameters').item.json.mount_dir }}/{{ $('API').item.json.body.domain }}/library:/usr/src/app/upload
      - /etc/localtime:/etc/localtime:ro
    environment:
      - LETSENCRYPT_HOST="{{ $('API').item.json.body.domain }}"
      - VIRTUAL_HOST="{{ $('API').item.json.body.domain }}"
      - DB_HOSTNAME="{{ $('API').item.json.body.domain }}_db
      - DB_PASSWORD="{{ $('API').item.json.body.password }}"
      - DB_USERNAME="{{ $('API').item.json.body.username }}"
      - DB_DATABASE_NAME=immich
      - REDIS_HOSTNAME="{{ $('API').item.json.body.domain }}_redis
      - IMMICH_MACHINE_LEARNING_URL=http://{{ $('API').item.json.body.domain }}_ml:3003
    depends_on:
      - "{{ $('API').item.json.body.domain }}_redis
      - "{{ $('API').item.json.body.domain }}_db
    healthcheck:
      disable: false
    networks:
      - nginx-proxy_web
    mem_limit: "{{ $('API').item.json.body.ram }}"G"
    cpus: "{{ $('API').item.json.body.cpu }}"


  "{{ $('API').item.json.body.domain }}_ml:
    container_name: "{{ $('API').item.json.body.domain }}_ml
    image: ghcr.io/immich-app/immich-machine-learning:release
    volumes:
      - "{{ $('Parameters').item.json.mount_dir }}/{{ $('API').item.json.body.domain }}/cache:/cache
    restart: always
    healthcheck:
      disable: false
```

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.




Test step

Parameters
Settings
Docs

Mode
Manual Mapping

Fields to Set

main	A String	=	<pre> client_max_body_size 50000M; proxy_set_header Host \$http_host; proxy_set_header X-Real-IP \$remote_addr; proxy_set_header X-Forwarded-For \$proxy_add_x_forwarded_for; proxy_set_header X-Forwarded-Proto \$scheme; proxy_http_version 1.1; </pre>
			<pre> client_max_body_size 50000M; proxy_set_header Host \$http_host; pr... </pre>

main_location	A String	=	<pre> proxy_pass_request_headers on; proxy_set_header Host \$host; proxy_set_header X-Forwarded-Host \$http_host; proxy_set_header X-Forwarded-Proto \$scheme; proxy_set_header X-Forwarded-For \$proxy_add_x_forwarded_for; proxy_set_header Upgrade \$http_upgrade; </pre>
			<pre> proxy_pass_request_headers on; proxy_set_header Host \$host; proxy_set_header X... </pre>

Drag input fields here or Add Field

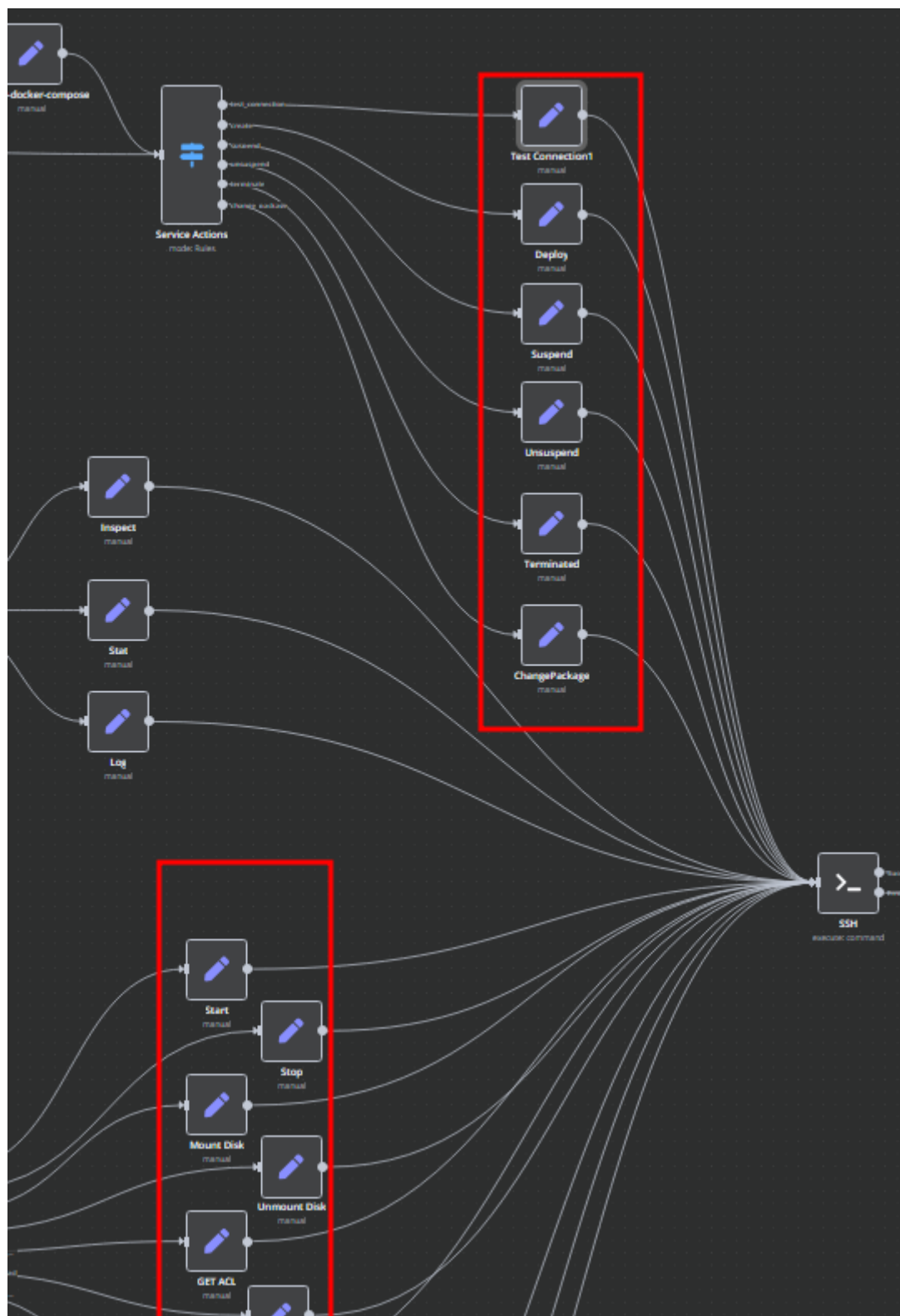
Include Other Input Fields
☐

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

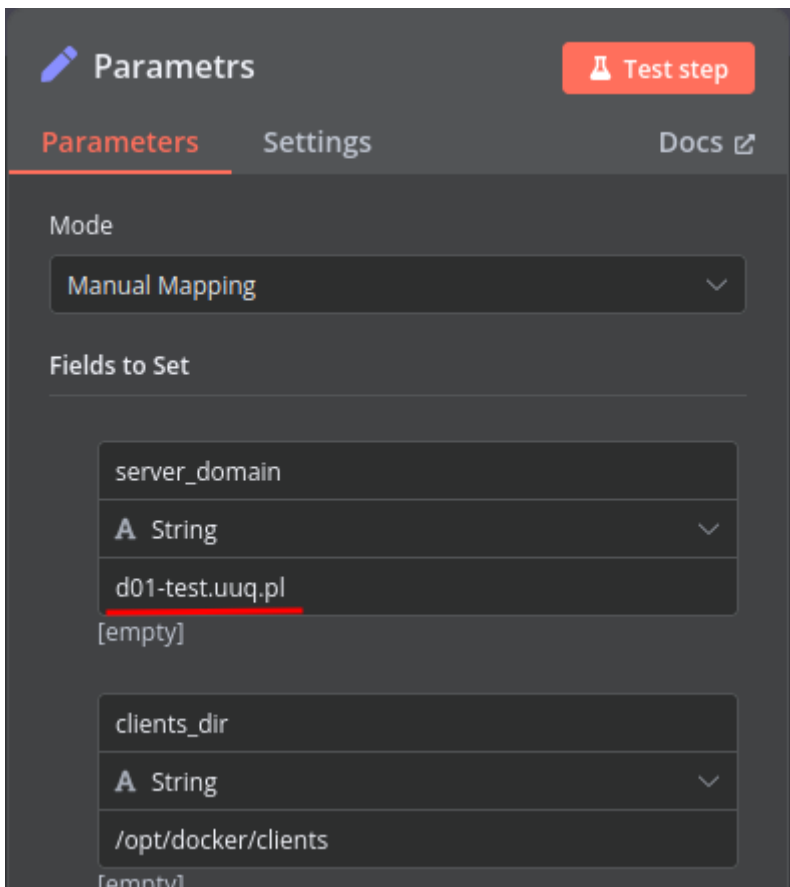
- Enter the correct **Name** and **Hostname**

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)	<div></div>
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	<div><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. https://www.example.com/status/</div>
Enable/Disable	<input type="checkbox"/> Check to disable this server

Attention: Important Information

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

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



The screenshot shows the 'Parameters' configuration page in n8n. At the top, there is a 'Test step' button. Below it are tabs for 'Parameters' (selected), 'Settings', and 'Docs'. The 'Mode' is set to 'Manual Mapping'. Under 'Fields to Set', there are two parameter groups. The first group is for 'server_domain', which is a 'String' type, and its value is 'd01-test.uuq.pl' (underlined in red). The second group is for 'clients_dir', which is also a 'String' type, and its value is '/opt/docker/clients'. Both groups have '[empty]' text below them.

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

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

Server Details

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

Webhook URLs

Test URL

Production URL

POST

<https://n8n.puqcloud.com/webhook/docker-immich>

HTTP Methods

POST ×

Path

docker-immich

Authentication

Basic Auth ▼

Credential for Basic Auth

Immich ▼

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 Immich**" module

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

Edit Product

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

Module Name

PUQ Docker Immich

Server Group

None

License key

success: 2025-04-18T01:13:02+02:00

Disk space

100

GB Ex: 1

CPU

1

Ex: 0,1

RAM

1

GB Ex: 0,1

Link to instruction

https://puq.info

A link to the instruction will be reflected in the client area.

Docker

1

Client Area

Domain

Main domain

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

Subdomain

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 %

95

Notification disk limit email template

puqDockerImmich Notification disk limit

Service

Metric Billing

Traffic IN (GB)

Configure Pricing

ON

Traffic OUT (GB)

Configure Pricing

ON

[Switch to Advanced Mode](#)

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

Products/Services

[Edit Product](#)

The screenshot displays the Cloudflare dashboard's 'Customize' tab for a website. The interface includes a top navigation bar with tabs like 'Details', 'Pricing', 'Module Settings', 'Configurable Options', 'Upgrades', 'Free Domain', 'Cross-sells', 'Other', and 'Links'. The main content area is divided into sections for 'Website Settings', 'DNS Settings', and 'DNS Records'. The 'Metric Billing' section at the bottom is highlighted with a red box. It contains two toggle switches: 'Traffic IN (GB)' and 'Traffic OUT (GB)', both of which are currently turned 'ON'. Below each toggle is a link to 'Configure Pricing'. To the right of the 'Metric Billing' section, there is a link to '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

(puqDockerImmich Welcome Email)

Docker Immich 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:** puqDockerImmich Welcome Email

Create New Email Template

Email Type

Product/Service

Unique Name

puqDockerImmich Welcome Email

Cancel

Create

Subject:

Immich 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 Immich instance is in progress.

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

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

Here is the link to your Immich server.

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

Thank you for choosing us.

{{\$signature}}

Subject: Immich Order Information

FileEditViewInsertFormatTableHelp

ParagraphVerdana11ptBBIUAA

LinkImageTableGridListUndoRedoCopyPastePrintAlignJustifyIndentOutdentHelp

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

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

Here is the link to your Immich server.

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

Thank you for choosing us.

{ \$signature }

Email Template

(puqDockerImmich Update Email)

Docker Immich 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:** puqDockerImmich Update Email

Create New Email Template

Email Type

Product/Service

Unique Name

puqDockerImmich Update Email

Cancel

Create

Subject:

Immich Update Information

Body:

Dear { \$client_name },

Your instance is currently being updated.

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

Here is the link to your Immich server.

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

Thank you for choosing us.

{ \$signature }

Subject:

File Edit View Insert Format Table Help

Paragraph Verdana 11pt

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

Dear **{ \$client_name }**,

Your instance is currently being updated.

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

Here is the link to your Immich server.

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

Thank you for choosing us.

{ \$signature }

P

38 WORDS POWERED BY TINYMCE

Email Template

(puqDockerImmich Notification disk limit)

Docker Immich 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:** puqDockerImmich Notification disk limit

Create New Email Template

Email Type

Product/Service

Unique Name

puqDockerImmich Notification disk limit

Cancel

Create

Subject:

Disk space usage {\$disk_used_percentage}%

Body:

Dear { \$client_name },

We want to inform you that your Immich 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:

File ▾Edit ▾View ▾Insert ▾Format ▾Table ▾Help ▾

Paragraph ▾Verdana ▾11pt ▾

B*I*~~S~~UA ▾**A** ▾



Dear { \$client_name },

We want to inform you that your Immich 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

Configurable Option (CPU/RAM/DISK)

Docker Immich module **WHMCS**


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In order for the client to have a choice of operating system in the configuration of the virtual machine. You need to configure the Configurable Option and connect them to the package.


Create Group

Add new Configurable Option to WHMCS


System Settings->Configurable Option->Create a New Group

 Configuration


[General Settings](#)
[Apps & Integrations](#)
[Sign-In Integrations](#)
[Automation Settings](#)
[MarketConnect](#)
[Notifications](#)
[Storage Settings](#)
[Application Links](#)
[OpenID Connect](#)
[Email Templates](#)
[Addon Modules](#)
[Client Groups](#)
[Custom Client Fields](#)
[Fraud Protection](#)

 Staff Management

[Administrator Users](#)
[Administrator Roles](#)
[Two-Factor Authentication](#)
[Manage API Credentials](#)

 Payments


[Currencies](#)
[Payment Gateways](#)
[Tax Configuration](#)
[Promotions](#)


 Products/Services

[Products/Services](#)
[Configurable Options](#)
[Product Addons](#)
[Product Bundles](#)
[Domain Pricing](#)
[Domain Registrars](#)

Configurable Option Groups

Configurable options allow you to offer addons and customisation options with your products.

 Create a New Group

 Duplicate a Group

Group Name
KVM-2/2/10
KVM-4/4/20
Operating system
VPS-WAW-WIN

Enter the group name, description, and select the products you need.

Group Name: Docker

Configurable Option Groups

Create a New Group

Group Name

Description

Assigned Products

Docker|

Application - Immich
Docker Immich - Docker Immich 100GB
Docker n8n - Docker n8n 1GB
Docker n8n - Docker n8n 2GB
Docker Grafana - Docker Grafana 1GB
Docker InfluxDB - Docker InfluxDB 1GB
Docker NextCloud - Docker NextCloud
Docker MinIO - Docker MinIO 10GB







Save Changes

Back to Groups List

Add Configurable Option

Configurable Options

Add New Configurable Option

Option	Sort Order	Hidden	
CPU CPU	<input type="text" value="0"/>	<input type="checkbox"/>	 
RAM MEM	<input type="text" value="0"/>	<input type="checkbox"/>	 
DISK Disk	<input type="text" value="0"/>	<input type="checkbox"/>	 

Save Changes

Back to Groups List

CPU|CPU - The first element before | must be left as is, but the second can be changed to suit your needs

Configurable Options

Option Name: CPU|CPU

Option Type: Dropdown

Options			One Time/ Monthly	Quarterly
1 1 Core	EUR	Setup	0.00	0.00
		Pricing	0.00	0.00
	PLN	Setup	0.00	0.00
		Pricing	0.00	0.00
	UAH	Setup	0.00	0.00
		Pricing	0.00	0.00
2 2 Cores	EUR	Setup	0.00	0.00
		Pricing	5.00	0.00
	PLN	Setup	0.00	0.00
		Pricing	5.00	0.00
	UAH	Setup	0.00	0.00
		Pricing	5.00	0.00

In the option, the first element is responsible for the quantity and the second element is responsible for the description.

RAM|MEM - The first element before | must be left as is, but the second can be changed to suit your needs

Configurable Options

Option Name: RAM | MEM

Option Type

Options		One Time		Monthly
1 1 GiB	EUR	Setup	0.00	
		Pricing	0.00	
	PLN	Setup	0.00	
		Pricing	0.00	
	UAH	Setup	0.00	
		Pricing	0.00	
2 2 GiB	EUR	Setup	0.00	
		Pricing	5.00	
	PLN	Setup	0.00	
		Pricing	5.00	
	UAH	Setup	0.00	
		Pricing	5.00	
4 4 GiB	EUR	Setup	0.00	
		Pricing	0.00	

In the option, the first element is responsible for the quantity and the second element is responsible for the description.

DISK|Disk - The first element before | must be left as is, but the second can be changed to suit your needs

Configurable Options

Option Name: DISK | Disk

Option Type:

Options			One Time/ Monthly
51 50 GB	EUR	Setup	0.00
		Pricing	0.00
	PLN	Setup	0.00
		Pricing	0.00
	UAH	Setup	0.00
		Pricing	0.00
102 100 GB	EUR	Setup	0.00
		Pricing	25.00
	PLN	Setup	0.00
		Pricing	25.00
	UAH	Setup	0.00
		Pricing	25.00
152 150 GB	EUR	Setup	0.00
		Pricing	0.00
	PLN	Setup	0.00
		Pricing	0.00
	UAH	Setup	0.00
		Pricing	0.00

In the option, the first element is responsible for the quantity and the second element is responsible for the description.

Admin Area

Product Information

Docker Immich 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

CreateSuspendUnsuspendTerminateChange PackageContainer StartContainer StopMount diskUnmount disk

API Connection status

API Connection OK

Container

RefreshLog

Status	Running
Name	1-5342.d01-test.uuq.pl_immich (8e14264d1726)
CPU usage	<div><div></div>99.42%</div>
Memory usage	772MiB / 1GiB <div><div></div>75.39%<div></div>24.61%</div>
Disk IO	155MB / 555MB
Disk mounted	3.0G/9.8G <div><div></div>32%<div></div>68%</div>
Disk file	3.1G
Network IO	552MB / 1.11GB

Module Commands

CreateSuspendUnsuspendTerminateChange PackageContainer StartContainer StopMount diskUnmount disk

API Connection status

API Connection OK

RefreshLog

```
at MachineLearningRepository.predict (/usr/src/app/dist/repositories/machine-learning.repository.js:97:15)
at async MachineLearningRepository.detectFaces (/usr/src/app/dist/repositories/machine-learning.repository.js:106:26)
at async PersonService.handleDetectFaces (/usr/src/app/dist/services/person.service.js:239:52)
at async JobService.onJobStart (/usr/src/app/dist/services/job.service.js:153:28)
at async EventRepository.onEvent (/usr/src/app/dist/repositories/event.repository.js:126:13)
at async Worker.processJob (/usr/src/app/node_modules/bullmq/dist/cjs/classes/worker.js:394:28)
at async Worker.retryIfFailed (/usr/src/app/node_modules/bullmq/dist/cjs/classes/worker.js:581:24)
[31m[Nest] 6 - @[39m03/18/2025, 1:24:29 AM @[31m ERROR@[39m @[33m[Microservices:{"id":"894964e9-afb0-41c9-97e7-4877582f7ca3","source":"upload"}]@[39m @[31mUnable to run job handler (faceDetection/face-detection): Error: Machine learning request '{"facial-recognition":{"detection":{"modelName":"buffalo_l","options":{"minScore":0.7}},"recognition":{"modelName":"buffalo_l"}}}' failed for all URLs@[39m
[33m[Nest] 6 - @[39m03/18/2025, 1:24:29 AM @[33m WARN@[39m @[33m[Microservices:MachineLearningRepository]@[39m @[33mMachine learning request to "http://1-5342.d01-test.uuq.pl_m1:3003" failed: fetch failed@[39m
Error: Machine learning request '{"facial-recognition":{"detection":{"modelName":"buffalo_l","options":{"minScore":0.7}},"recognition":{"modelName":"buffalo_l"}}}' failed for all URLs
at MachineLearningRepository.predict (/usr/src/app/dist/repositories/machine-learning.repository.js:97:15)
at async MachineLearningRepository.detectFaces (/usr/src/app/dist/repositories/machine-learning.repository.js:106:26)
at async PersonService.handleDetectFaces (/usr/src/app/dist/services/person.service.js:239:52)
at async JobService.onJobStart (/usr/src/app/dist/services/job.service.js:153:28)
at async EventRepository.onEvent (/usr/src/app/dist/repositories/event.repository.js:126:13)
at async Worker.processJob (/usr/src/app/node_modules/bullmq/dist/cjs/classes/worker.js:394:28)
at async Worker.retryIfFailed (/usr/src/app/node_modules/bullmq/dist/cjs/classes/worker.js:581:24)
[33m[Nest] 6 - @[39m03/18/2025, 1:24:55 AM @[33m WARN@[39m @[33m[Microservices:MachineLearningRepository]@[39m @[33mMachine learning request to "http://1-5342.d01-test.uuq.pl_m1:3003" failed: fetch failed@[39m
[31m[Nest] 6 - @[39m03/18/2025, 1:24:55 AM @[31m ERROR@[39m @[33m[Microservices:{"id":"9dc0b614-4286-46fe-b423-cd5a9a6ab499","source":"upload"}]@[39m @[31mUnable to run job handler (faceDetection/face-detection): Error: Machine learning request '{"facial-recognition":{"detection":{"modelName":"buffalo_l","options":{"minScore":0.7}},"recognition":{"modelName":"buffalo_l"}}}' failed for all URLs@[39m
Error: Machine learning request '{"facial-recognition":{"detection":{"modelName":"buffalo_l","options":{"minScore":0.7}},"recognition":{"modelName":"buffalo_l"}}}' failed for all URLs
at MachineLearningRepository.predict (/usr/src/app/dist/repositories/machine-learning.repository.js:97:15)
at async MachineLearningRepository.detectFaces (/usr/src/app/dist/repositories/machine-learning.repository.js:106:26)
at async PersonService.handleDetectFaces (/usr/src/app/dist/services/person.service.js:239:52)
```

Dependent Containers

Refresh

Status	Running
Name	1-5342.d01-test.uuq.pl_ml (30d0e4fb5a29)
CPU usage	<div><div>70.77%</div><div>29.23%</div></div>
Memory usage	224.3MiB / 1GiB <div><div>21.9%</div><div>78.1%</div></div>

Refresh

Status	Running
Name	1-5342.d01-test.uuq.pl_db (7987eef80297)
CPU usage	<div><div>100%</div></div>
Memory usage	185.9MiB / 1GiB <div><div>18.16%</div><div>81.84%</div></div>

Refresh

Status	Running
Name	1-5342.d01-test.uuq.pl_redis (b3200c47ac80)
CPU usage	<div><div>99.67%</div></div>
Memory usage	10.04MiB / 1GiB <div><div>99.02%</div></div>

App

Refresh

Version	2.2.53
Users	it@puq.pl

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

Address

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

Client Area

Home screen

Docker Immich 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 Immich"**: 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 Immich](#)[User manual](#)

Status:

running



CPU usage:

1 CPU

99.73%



Memory usage:

778.3MiB / 1GiB

76%

24%



Disk usage:

3.0G / 9.8G

32%

68%



immich

<https://1-5342.d01-test.uuq.pl/>[Change Administrator Password](#)

Version:

2.2.53



Administrator:

it@puq.pl



Users:

Change Administrator Password

New Password

Generate

Save

Go to Immich

User manual



Status:

running



CPU usage:

1 CPU

99.73%



Memory usage:

778.3MiB / 1GiB

76%

24%



Disk usage:

3.0G / 9.8G

32%

68%



immich

<https://1-5342.d01-test.uuq.pl/>



Change Administrator Password



Version:

2.2.53



Administrator:

it@puq.pl



Users:

Powered by WHMCompleteSolution

IP Access Control

Docker Immich 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 displays the PUKcloud client area interface. At the top, the PUKcloud logo is on the left, and a search bar with the text "Search our knowledgebase..." is on the right. Below the logo, a navigation menu includes links for Home, Services, Domains, Billing, Support, and Open Ticket. The user is logged in as "ruslan!". The main content area shows the "IP Access Control" configuration page. On the left, a sidebar menu has options: Overview, Information, Restrict by IP (highlighted with a red box), and Reinstall. The main content area features the title "IP Access Control" and the message "If IP is not specified, access is not limited". Below this, the URL "https://1-5342.d01-test.uuq.pl" is displayed. A text input field labeled "WEB:" is provided for entering allowed IP addresses, with the placeholder text "Enter allowed IPs, one per line". A "Save" button is located at the bottom right of the input field. The footer of the page states "Powered by WHMCompleteSolution".

Reinstall

Docker Immich module **WHMCS**

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

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



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

Hello, ruslan!

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

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

You are in the area of reinstalling service.

You must be aware of what you will do here.

Reinstalling the service, completely remove all data.

To protect against accidental reinstallation.

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

Reinstall


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Metrics

Docker Immich 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 Immich 10
Docker Immich

ACTIVE

Registration Date

Saturday, March 15th, 2025

Recurring Amount

\$0.00

Billing Cycle

Free Account

Next Due Date

-

Payment Method

PayPal

Manage

Metrics

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

Metric	Current Usage	Pricing	Last Update
Traffic IN (GB)	0.49 GB	\$1.00 / GB	7 hours ago
Traffic OUT (GB)	0.67 GB	\$1.00 / GB	7 hours ago