Basic concepts and requirements

Docker MinIO module **WHMCS**

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> Before you start, it is important to read and familiarize yourself with the following articles at this link: https://doc.puq.info/books/docker-modules

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

The system consists of three core components:

WHMCS Module

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

Debian 12 Server

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

- **Docker** — For container management

We have prepared instructions for installing and configuring Docker:
https://doc.puq.info/books/docker-modules/page/installing-docker-for-puqcloud-modules

n8n Server

This server facilitates communication between the WHMCS module and the Docker server, ensuring smooth workflow execution. To explore n8n's full potential, visit the **official n8n website** for documentation, tutorials, and community support.

Key Features & Concepts

Workflow Automation

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

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

Flexibility & Customization

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

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