Basic concepts and requirements

Docker n8n module **WHMCS**

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

The **WHMCS Docker n8n module** is part of the **WHMCS Docker module series** developed by **PUQcloud**. This module enables service providers to offer **n8n Docker containers** as a service to their clients, allowing for seamless automation and integration.

The system consists of three core components:

⬜ WHMCS Module

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

⬜ Debian 12 Server

A server running **Debian 12** with the following pre-installed:
 Docker – For container management
 SQLite3 – For lightweight database operations
 Apache2-utils – For authentication and performance enhancements

We have prepared instructions for installing and configuring Docker

https://doc.puq.info/books/docker-modules/page/installing-docker-for-puqcloud-modules

🗄️ n8n Server

This server facilitates communication between the WHMCS module and the Docker server, ensuring smooth workflow execution.

To explore n8n's full potential, visit the **official n8n website** for documentation, tutorials, and community support.

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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