Setting up n8n workflow

Docker n8n module **WHMCS**

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Overview

The n8n workflow serves as the API interface between WHMCS and the Docker server. It receives commands from the WHMCS module and executes corresponding Docker actions via SSH.

Prerequisites

- Self-hosted n8n instance or n8n cloud account
- SSH access to the Docker server

Installation Options

Option 1: n8n Marketplace

Use the latest n8n Marketplace templates from the PUQcloud creator profile.

Option 2: Manual Import

Each module version includes a workflow template file (`puq_docker_n8n_deploy.json`) for manual import into n8n.

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n8n Workflow Configuration

1. Create Credentials

- **Basic Auth Credential** — For the Webhook API block (used by WHMCS to authenticate)
- **SSH Credential** — For Docker server access

2. Configure Template Parameters

In the **Parameters** block, modify the following:

Parameter	Description
`server_domain`	Must match the **hostname** in WHMCS server settings
`clients_dir`	Storage location for user Docker data
`mount_dir`	Container disk mount point (typically unchanged)

> **Important:** Do not modify `screen_left` and `screen_right` — these are technical parameters.

3. Docker Compose Configuration

The **deploy-docker-compose** element contains the Docker Compose configuration used for service creation, unlock, and update operations. This can be customized to match your requirements.

4. Nginx Configuration

The **nginx** element contains proxy server settings. Key sections:

- `main` — Primary server block
- `main_location` — Location rules for the main block

5. Bash Scripts

All bash scripts are generated within n8n and connected to the SSH element. They are fully controllable and return JSON or string responses.

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