

# 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 <b>hostname</b> 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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