

Installation

The CMS is deployed as a containerized service. Deployment involves preparing the database, configuring application settings, and validating connectivity to Azure Stack Hub.

Prerequisites

- A Linux or Windows host with Docker or Kubernetes support
- Access to a MySQL 8.0 or later database instance
- Administrative access to Azure Stack Hub endpoints
- A valid TLS certificate for the portal and API endpoints

Installation Steps

1. Database Setup

- Create a dedicated MySQL database (e.g., `cms`).
- Apply the schema migrations provided with the installation package.

2. Application Deployment

- Pull the container image from the registry or build it from source.
- Run the container with environment variables specifying database connection strings, identity provider configuration, and API settings.
- If deploying on Kubernetes, apply the provided YAML manifests to the cluster.

3. Initial Configuration

- Access the CMS portal at `https://<hostname>`.
- Log in with the default administrator account created during setup.
- Update branding, system settings, and identity provider integration through the Administration menu.

4. Connectivity Validation

- Confirm that the CMS can reach Azure Stack Hub endpoints.
- Test authentication through Microsoft Entra ID or the configured identity provider.
- Verify database connectivity and confirm that initial tenants and subscriptions can be created.

Post-Installation Tasks

- Replace default credentials with secure administrator accounts.
- Configure backup routines for the MySQL database.
- Set up monitoring and logging integration (see Operations → Monitoring & Alerts).

Revision #1

Created 21 September 2025 09:36:07 by AutoBot

Updated 21 September 2025 09:37:32 by AutoBot