GETTING STARTED

Applicare APM Deployment: Infrastructure Pre-requisites for Production monitoring

Applicare 10.0 · Updated December 19, 2025 · controller · **Pending technical review**

Applicare requires a two-machine deployment setup for **security** and **performance**:

- **Applicare Controller:** This machine hosts the Applicare controller.
- **Database Server:** This machine hosts the Applicare controller data store.

Security: Only the **Applicare Controller** is permitted to connect to the **Database Server**. All **Agents** communicate exclusively with the **Applicare Controller**, preventing direct agent-to-database connections and enhancing system security.

Hardware & Software requirements for Applicare Controller machine:

Applicare installer	**Downloadable from the Applicare support site.**
Disk Space	100GB SSD
RAM	32 GB
CPU	Intel i7 6-core equivalent or higher
Java	Java 25 or any supported version
OS	Windows 10 or later / Windows Server 2012 or newer. (OR) Red Hat Enterprise Linux 6.x or newer (RHEL 8 recommended).
Permission	Login user must have administrative (Windows) or root/sudo (Linux) privileges.
Web Browser	Google Chrome (stable version recommended for Windows)

Hardware & Software requirements for Applicare database machine:

Mysql	***MySQL Server 8.0***
Disk Space	1 TB SSD or higher (**Critical: Higher capacity recommended for production monitoring**).
RAM	64 GB or higher.
CPU	Intel i7 6-core equivalent or higher.
Supported OS	Windows 10 or later / Windows Server 2012 or newer. (OR) Red Hat Enterprise Linux 6.x or newer (RHEL 8 recommended).
Permission	Login user must have administrative (Windows) or root/sudo (Linux) privileges.

Port and Network Requirements

- **Agent to Applicare Controller:** Agents must be able to reach the **Applicare Controller's IP and Port**.
  - **Default Port: 8880** (Can be modified).
  - The Controller's VM IP address must be accessible to all agents.
- **Applicare Controller to Database Server:** The Applicare Controller must be able to reach the **Database Server's IP and Port**.
  - **Default Port: 3306** (MySQL default).

Note: The existing hardware requirements may undergo changes in the future. The addition of new agents or features could lead to revisions in the hardware requirements.