

## HARDWARE REQUIREMENTS

1. OrangeHRM strongly recommends Solid State Drives (SSD) for optimal performance as our product uses disk caching mechanisms. Redundant disks are also recommended to protect against disk failure.
2. OrangeHRM strongly recommends a dedicated server/VM to avoid potential clashes with middleware / third-party software versions and resource contention.
3. A separate server/VM must be set up as the Pre-Production environment with the same stack settings as Production. The Pre-Production environment will be used for patch release testing before deploying any change to Production.
4. CPU core recommendations are based on Intel(R) Xeon(R) CPU E5-2623 V4 (or higher capacity with x86\_64 architecture). For VM solutions, please refer to the provider recommendations on physical CPU to virtual CPU conversion.
5. Disk space requirements above are specifically for the application and should be allocated to /var mount point. When preparing the server, sufficient disk space should also be allocated to /tmp and root mount points and these should be on a separate partition to the /var mount point.
6. OrangeHRM strongly recommends using the following screen resolutions. ○ 720p (1360x768) ○ 1080p (1920 x 1080) ○ 2K (2560 x 1440)

## SOFTWARE REQUIREMENTS

### 1 Operating System :

- Red Hat Enterprise Linux (RHEL) 8 ○ Subscriptions ■ Production Environment - Standard (RH00004)
- Pre-Production Environment - Self-support (RH00005) ● Ubuntu 20.04 LTS

### 2 AMP Stack:

- Apache HTTP Server version 2.4 ● MariaDB 10.4.22 ● PHP version 7.4

### 3 Message Broker:

- For an Ubuntu 20.04 LTS Environment ○ RabbitMQ 3.8.2 ● For a Red Hat Enterprise Linux (RHEL) 8 Environment ○ RabbitMQ 3.9.8