

System Requirements

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Application Server

Hardware Requirements

| | |
|------------------|--|
| Processor | Dual core Intel Core 2 Duo 2.0 GHz or better |
| Memory | 4GB or more |
| Disk | 2GB free disk space |

Software Requirements

| | |
|----------------------|---|
| Apache Tomcat | Version 8 or higher |
| Software | Java 8 (Oracle and OpenJDK are supported) |
| JVM Options | -Xmx768m -XX:MaxMetaspaceSize=256m |

Database

Hardware Requirements

| | |
|------------------|--|
| Processor | Dual core Intel Core 2 Duo 2.0 GHz or better |
| Memory | 4GB or more |
| Disk | 10GB free disk space |

HyperSQL Software Requirements

| | |
|-------------------------------|---|
| Version | 2.4.0 |
| Default Database Files | em.tmp, em.txt, em.properties, em.script, em.lock, em.lob |
| Note | HyperSQL is embedded in em.war and runs in the same process as Apache Tomcat. |

MySQL Software Requirements

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|---------------------------------|-------------------------|
| Version | 5.6 or 5.7 |
| Engine | InnoDB |
| Default database name | em |
| Connections | 20 simultaneous or more |
| Database creation script | mysql_db.sql |

| | |
|-------------|---|
| Note | In order to use a MySQL database, download mysql-connector-java.jar for MySQL separately and add it to the Tomcat webapps/em/WEB-INF/lib folder. See Installing MySQL and Setting up the Database (MySQL or Oracle) for details on installation and setup. |
|-------------|---|

Oracle Software Requirements

| | |
|---------------------------------|---|
| Version | 11g or 12c |
| Default table spaces | EM_DATA, EM_TEMP |
| Connections | 20 simultaneous or more |
| Database creation script | oracle_db.sql |
| Notes | <p>In order to use an Oracle database, download the appropriate ojdbc jar for your Oracle version separately (from http://www.oracle.com/technetwork/database/features/jdbc/index-091264.html) and add it to the Tomcat webapps/em/WEB-INF/lib folder.</p> <p>Before using CTP, you must follow the procedure described in Setting up the Database (MySQL or Oracle).</p> <p>It is assumed that Oracle server is already installed in the company and it is properly administered by the designated persons.</p> |

Client Browser

- Microsoft Internet Explorer 11 or Microsoft Edge
- Google Chrome 51+
- Mozilla Firefox 46+
- Mac Safari 10+