

Hardware and software requirements

Product version:

7.2, 7.1, 7.0

Product edition:

- Community
- Teamwork
- Efficiency
- Performance

Hardware

The hardware recommended for Bonita BPM Platform is strongly dependent on your environment and processes (number of processes instances, number of current users, operations and complexity...).

Hardware required for Bonita BPM Platform (Bonita BPM Engine and Bonita BPM Portal)

Type	Minimum	Recommended
Processors	4 CPU cores	4 CPU cores or more
Memory (RAM)	4 GB	8 GB or more
Disk space	10 GB	30 GB or more, depending on usage

Software

Software required for Bonita BPM Platform (Bonita BPM Engine and Bonita BPM Portal).

		7.0.x	7.1.x
Operating system			
	Windows Server 2012 R2 64 bits	?	?
	Red Hat Enterprise Linux 6.5 64 bits	?	?
	Ubuntu 14.04 LTS 64 bits	?	?
Java Virtual Machine			
	Oracle Java SE Runtime Environment 7 u67	?	?
	Oracle Java SE Runtime Environment 8 u40 (see note 4)	?	?

	OpenJDK 7u65	?	?
Application Server			
	Tomcat 7.0.55	?	?
	JBoss AS 7.1.1	?	?
	Weblogic server 12c (12.1.*)	?	?
Database			
	MySQL 5.5.27 (see notes 1 and 2)	?	?
	PostgreSQL 9.3	?	?
	SQL Server 2012 R2 (see note 3)	?	?
	Oracle 11gR2 (11.2.0.x))	?	?
Browser			
	Internet Explorer 9.x and newer	?	?
	Firefox (2 last versions)	?	?
	Chrome (2 last versions)	?	?
Mobile			
	iOS 7.1 ? Safari ? Approved on Apple iPhone 5	?	?
	Android 4.4 ? Chrome ? Approved on Nexus 5	?	?

Notes:

1. MySQL must be configured with InnoDB storage engine.
2. **Warning:** There are known issues with the management of XA transactions by MySQL engine and driver: see MySQL bugs [17343](#) and [12161](#) for more details. Thus, using MySQL database in a production environment does not work and is not supported.
3. **Warning:** There is a known issue between Bitronix (the Transaction Manager shipped by Bonitasoft for the Tomcat bundle and inside the Deploy bundle for Tomcat) and Microsoft SQL Server driver (refer to: [MSDN note](#), [Bitronix note](#)). Therefore, using Bitronix as a Transaction Manager with SQL Server does not work and is not supported. To use SQL Server database requires that you use the JBoss bundle provided by Bonitasoft.
4. Oracle Java SE Runtime Environment 8 u40 is supported if you use the web container Tomcat 7.0.55.

Your database must be configured to use the UTF-8 character set.

If you report a problem in a stack containing elements not listed in the table above, the problem will be investigated on the nearest equivalent stack of supported components.

Example stack

- Ubuntu 14.04 LTS 64 bits

- OpenJDK 7
 - Tomcat 7.0.55
 - PostgreSQL 9.3
 - Firefox
 - Mobile:iOS 7.1 Safari (approved on iPhone 5)
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