Bitrix24 Self-hosted Version

Product Requirements

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Bitrix24 is a highly secure, turnkey intranet solution for small and medium-sized businesses designed for effective collaboration, communication, social networking, workflow and knowledge management. The product enables increased employee productivity, motivation and awareness, and smoother internal operations.

Minimal Software Requirements

Platform Support
* Unix, Linux, Sun/Solaris, HP-UX
* Windows NT, Windows Server 2003/2008, Windows XP/Vista/7/8

Database Support
* MySQL 5.0 and higher

Browser Support
* Mozilla Firefox 27.0 and higher
* Internet Explorer 11.0 and higher
* Google Chrome 29.0 and higher
* Opera 18.0 and higher (some features may not be available)
* Apple Safari 8.0 and higher (some features may not be available)

Hardware Recommendations

* 2 GHz 32-bit (x86) or 64-bit (x64) processor, or faster
* 8 GB RAM (32-bit or 64-bit), or more
* 500 GB available hard disk space (32-bit or 64-bit), or higher

Full Software Requirements and Hardware Recommendations

PHP 5.3 and higher (we recommend using the latest stable release of PHP. The following PHP extensions are required):

- GD – image handling library;
- PHP XML – used by the update system;
- FreeType – required for CAPTCHA;
- Regular Expressions support;
- Zlib compression – required to decrease the amount of transferred data;
- PHP accelerator;

PHP enabled web server:

- **Apache** (recommended) 2.0 and higher.

Database server support. One of the following database engines can be used on your site:

- **MySQL** version 5.0 and higher is recommended. To work with MySQL properly, the system requires the MySQL support for PHP to be installed;

Memory limit

Please note: One of the critical PHP parameters that Bitrix Intranet requires for proper functioning is memory_limit = 64M. This is the minimum amount of PHP memory required by the system core. This parameter can be changed:

- by editing the file php.ini directly;
- from within a script by calling ini_set("memory_limit", "64M"); This call is added to /bitrix/php_interface/dbconn.php at the installation time using the user-supplied value;
- in the file .htaccess using the directive: php_value memory_limit 64M.

Database Support

Bitrix24 for MySQL
This is the most popular database among users and it satisfies needs of the clients. It provides complete functionality, allows for increased productivity, and requires the least amount of deployment and hosting costs– all this at an optimal price.

To host a site based on this solution, any Unix host with PHP and MySQL can be used.

Important:

In order for Bitrix24 to work properly on your server, you need to install **Bitrix Virtual Appliance**. It comes with the latest versions of software applications required to run Bitrix24

Virtual Appliance is available for Windows and Linux.

Virtual Appliance package includes:

- CentOS 6.7 x86_64 operating system, automatically updated
- NGINX + Apache2
- NGINX compiled with nginx-push-stream-module support
- PHP 5.6
- MySQL 5 with InnoDB support
- Built-in firewall (iptables)
- IP address acquired via DHCP or manually configured
- Adjustable mail server agent
- A UNIX-like Control Menu with basic commands
- Sphinx connection wizard
- Additional packets: geoip, catdoc, poopler, man, strace
- Easily configurable mail client (msmtp)