**Jelastic PaaS 1.9.2 Release Notes**

*This document is preliminary and subject to change.*
***Note:****More info due to each feature will be added in the nearest future.*

In this document you can find all the new features, enhancements and visible changes included in the **Jelastic PaaS 1.9.2** release:

* [New Features](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%22a)
* [Security issues](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%22u)
* [Improvements](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%22d)
* [Fixes](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%22f)

For detailed information on using any of Jelastic features, please refer to the [users' documentation](http://jelastic.com/docs).

**New Features**

1. [GIT & SVN Auto-deploy](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%221)
2. [Bonuses after conversion](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%222)
3. [SSO integration](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%223)
4. [Cleverbridge billing system integration](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%224)
5. [Jelastic Mobile App](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%225)
6. [How do I..? search box](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%226)
7. [Software Stack Versions](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%227)

**GIT & SVN Auto-deploy**

To greatly increase your productivity as a developer, Jelastic provides you with the possibility to set periodical **automatic deployment** of your project based on the changes you've committed via GIT/SVN repository.

You can work in GIT/SVN without ever leaving it. Simply update your code, make a commit and all of the changes in your VCS project will be automatically pushed to your production environment after a specified interval of time.

To set automatic updates of your project due to your commits in GIT tick the **Check and Auto-deploy Updates** checkbox in the **Add project** window and specify the interval for checking in minutes.

That's all! Just make a small configuration while adding your project to the Jelastic Cloud and continue working with your code through GIT/SVN without even coming back to our dashboard again, being sure that everything is up-to-date on your production automatically!

[More info](http://jelastic.com/docs/automatical-project-update)

[Back to the list of New Features](http://jelastic.com/docs/release-notes192#a)

**Bonuses after conversion**

We've implemented the system of bonuses adding for new users. The aim is to reward you for upgrading to the paid account without waiting till the end of the trial period.

To get the bonus you just need to upgrade and refill your account during some specified period (stated by your hoster).

This bonus is some percentage (depending on hoster, e.g. 50%) from your first payment. So if for example, you convert and refill your account with $100 and your bonus is 50%, then you'll get $150 to your account.

While the refilled money goes to your main balance (cash), the reward goes to the bonus balance.

[More info](http://jelastic.com/docs/bonuses-after-conversion)

[Back to the list of New Features](http://jelastic.com/docs/release-notes192#a)

**SSO integration**

**Single Sign On (SSO)** is intended to simplify the processes of balance refilling and opening of support tickets for all billing customers, if a hosting provider has a custom billing system.

If your hoster has in-house billing system and you want to open a support ticket (*Help > Contact Support*) or to refill account (*Balance > Refill balance*) the one-time link particularly for your request will be generated. With this link you'll be redirected to the requested Hoster's Portal or Billing panel sub-page respectively and automatically logged in without necessity to enter your credentials.

[Back to the list of New Features](http://jelastic.com/docs/release-notes192#a)

**Cleverbridge billing system integration**

**Cleverbridge** is an online billing system based on the SaaS model. It's hosted externally from a hosting provider and built upon multi-tenancy architecture.
Cleverbridge provides a single access point to all payment processing centers. That is why you can choose any payment method convenient for you among a wide range of available payment systems.

The process of conversion and refilling is performed through the Jelastic dashboard. This provides you with a sufficient convenience while working. You don't need to leave the Jelastic dashboard, to investigate some other systems admin panels or to remember any extra credentials. Just do all the needed steps via our user-friendly UI.

[More info](http://jelastic.com/docs/cleverbridge-billing-system)

[Back to the list of New Features](http://jelastic.com/docs/release-notes192#a)

**Jelastic Mobile App**

Keep in touch with our hosting platform using the **Jelastic Mobile App**! It was developed to ease the stress of everyday life and to boost your workday productivity. For now our app is available for **iPhone 4, 4S, 5** and **iPad 2, 3, 4G**.

Install the **Jelastic Mobile App** from the Apple Store and log in to your Jelastic account for the ability to trace and change the state of your environments and to keep track of your balance, right from your mobile device. The interface of the app was made to be intuitive and user-friendly, so you can easily figure out how to use it within seconds.

[More info](http://jelastic.com/docs/mobile-app)

[Back to the list of New Features](http://jelastic.com/docs/release-notes192#a)

**How do I..? search box**

If you have any questions on using our platform you can use the "How do I..?" search box, right in the dashboard. Simply enter the question you are interested in and you'll be redirected to the list of appropriate Jelastic documents which may help you.

[More info](http://jelastic.com/docs/jelastic-dashboard-guide#bf)

[Back to the list of New Features](http://jelastic.com/docs/release-notes192#a)

**Software stack versions**

The component templates are updated to the latest versions:

|  |  |
| --- | --- |
| ***Tomcat 6*** | 6.0.37 |
| ***Tomcat 7*** | 7.0.39 |
| ***TomEE*** | 1.5.2 |
| ***Jetty 6*** | 6.1.26 |
| ***GlassFish 3*** | 3.1.2.2 |
| ***Java 6*** | 1.6.0\_45 |
| ***Java 7*** | 1.7.0\_25 |
| ***MariaDB*** | 5.5.31/10.0.3 |
| ***MongoDB*** | 2.4.5 |
| ***MySQL*** | 5.5.32 |
| ***PostgreSQL 8*** | 8.4.17 |
| ***PostgreSQL 9*** | 9.2.4 |
| ***CouchDB*** | 1.3.1 |
| ***nginx*** | 1.4.1 |
| ***Maven*** | 3.0.5 |
| ***Centos 6*** | 6.4 |
| ***Memcached*** | 1.4.15 |
| ***Apache*** | 2.2.15-28 |
| ***NGINX PHP*** | 1.4.1 |
| ***PHP 5.3*** | 5.3.27 |
| ***PHP 5.4*** | 5.4.17 |
| ***PHP 5.5*** | 5.5.0 |

[More info](http://jelastic.com/docs/software-stacks-versions)

[Back to the list of New Features](http://jelastic.com/docs/release-notes192#a)

**Security Issues**

1. [NGINX Update](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%2221)
2. [Java6/7 Update](http://jelastic.com/docs/release-notes192%22%20%5Cl%20%2222)

1. **NGINX Update**

*CVE-2013-2028*
A stack-based buffer overflow might occur in a worker process while handling a specially crafted request, potentially resulting in arbitrary code execution.

[Back to the list of Security Issues](http://jelastic.com/docs/release-notes192#u)

1. **Java6/7 Update**

*CVE-2013-1569, CVE-2013-2383, CVE-2013-2384 , CVE-2013-2420*
Unspecified vulnerability in the Java Runtime Environment (JRE) component in Oracle Java SE 7 Update 17 and earlier, 6 Update 43 and earlier, and 5.0 Update 41 and earlier allows remote attackers to affect confidentiality, integrity, and availability via unknown vectors related to 2D.

*CVE-2013-2432*
Unspecified vulnerability in the Java Runtime Environment (JRE) component in Oracle Java SE 7 Update 17 and earlier, 6 Update 43 and earlier, 5.0 Update 41 and earlier, and JavaFX 2.2.7 and earlier allows remote attackers to affect confidentiality, integrity, and availability via unknown vectors related to 2D.

*CVE-2013-2434*
Unspecified vulnerability in the Java Runtime Environment (JRE) component in Oracle Java SE 7 Update 17 and earlier and JavaFX 2.2.7 and earlier allows remote attackers to affect confidentiality, integrity, and availability via unknown vectors related to 2D.

[Back to the list of Security Issues](http://jelastic.com/docs/release-notes192#u)

**Improvements**

The following table lists the improvements in Jelastic PaaS 1.9.2

|  |  |
| --- | --- |
| **Jira №** | **Description** |
| ***JE-7593*** | Ability to deploy [PHP projects from GIT](http://jelastic.com/docs/php-git-svn) repository with submodules/dependencies added |
| ***JE-8808*** | Modules mod\_security and mod\_geoip added to [Apache and NginxPHP](http://jelastic.com/docs/apache-nginx-modules) templates |
| ***JE-8814*** | Full access to the [conf.d](http://jelastic.com/docs/application-configuration%22%20%5Cl%20%221) folder via dashboard is provided |
| ***JE-9511*** | "Forgot password" link is added to the requesting password dialog box which appears while environment deletion |
| ***JE-9968*** | The possibility to look through GIT/SVN pull [logs](http://jelastic.com/docs/statistic-log-cloud-hosting-in-jelastic) via dashboard is implemented. Also these logs are available via FTP |
| ***JE-10257*** | Special signs (such as #) in the context names are allowed |
| ***JE-10292*** | Ability to configure memory settings for java containers by changing GC, -Xmx, -Xms parameters via *variables.conf* (configs -> server) |
| ***JE-10343*** | [FTP feature](http://jelastic.com/docs/ftp-ftps-support) for databases is added |
| ***JE-10518*** | /etc/nginx/conf.d, /var/lib/pgsql/data and /opt/jetty/contexts [catalogs](http://jelastic.com/docs/application-configuration) shared in dashboard |
| ***JE-10701*** | Script for MongoDB backup |
| ***JE-10853*** | Login form was redesigned |
| ***JE-10860*** | [Php 5.5.0](http://jelastic.com/docs/php-versions) support added |
| ***JE-10955*** | File [/etc/php.ini](http://jelastic.com/docs/application-configuration#2) shared for all DB |
| ***JE-11125*** | [Action logs](http://jelastic.com/docs/task-panel-cloud-hosting-in-jelastic) added for file manager |

**Fixes**

*The information will be added in the nearest future.*