

JIRA DevOps System

From Matchi Wiki

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JIRA

JIRA is the core DevOps and Issue management system.

Application Architecture

JIRA uses its own JRE and is served Tomcat over port 8080 (administration port: 8005), both of which are bundled with the installation. JIRA can use any of a number of RDBMSs, and in this case we use MySQL. The MySQL database is hosted on the same server as the JIRA application.

- Database Access*
- Name: jira
- User: jira
- Password: *****

JIRA is publicly accessible via the domain <http://jira.matchi.info>.

User access is single-factor password-controlled access.

Installation

Download the latest installation package from <https://www.atlassian.com/software/jira> and install it into the /opt/ directory. The user jira will be created.

```
$ sudo yum -y install owncloud
```

Startup Script

Add this to /usr/lib/systemd/system/jira.service:

```
[Unit]
Description=JIRA Service for Matchi
After=network.target iptables.service firewalld.service firewalld.service httpd.service

[Service]
Type=forking
User=jira
ExecStart=/opt/atlassian/jira/bin/start-jira.sh
ExecStop=/opt/atlassian/jira/bin/stop-jira.sh
ExecReload=/opt/atlassian/jira/bin/stop-jira.sh | sleep 5 | /opt/atlassian/jira/bin/start-jira.sh
```

```
[Install]  
WantedBy=multi-user.target
```

Enable the startup script. This ensure that the JIRA service starts up again when the server is ever rebooted:

```
$ sudo systemctl enable jira.service
```

Start the JIRA service:

```
$ sudo systemctl start jira.service
```

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