

## 2 Setup from RHEL/CentOS packages

### Overview

If [installed](#) from RHEL/CentOS packages, the following information will help you in setting up Zabbix [Java gateway](#).

### Configuring and running Java gateway

Configuration parameters of Zabbix Java gateway may be tuned in the file:

```
/etc/zabbix/zabbix_java_gateway.conf
```

For more details, see Zabbix Java gateway configuration [parameters](#).

To start Zabbix Java gateway:

```
# service zabbix-java-gateway restart
```

To automatically start Zabbix Java gateway on boot:

RHEL 7 and later:

```
# systemctl enable zabbix-java-gateway
```

RHEL prior to 7:

```
# chkconfig --level 12345 zabbix-java-gateway on
```

### Configuring server for use with Java gateway

With Java gateway up and running, you have to tell Zabbix server where to find Zabbix Java gateway. This is done by specifying `JavaGateway` and `JavaGatewayPort` parameters in the [server configuration file](#). If the host on which JMX application is running is monitored by Zabbix proxy, then you specify the connection parameters in the [proxy configuration file](#) instead.

```
JavaGateway=192.168.3.14  
JavaGatewayPort=10052
```

By default, server does not start any processes related to JMX monitoring. If you wish to use it, however, you have to specify the number of pre-forked instances of Java pollers. You do this in the same way you specify regular pollers and trappers.

```
StartJavaPollers=5
```

Do not forget to restart server or proxy, once you are done with configuring them.

## Debugging Java gateway

Zabbix Java gateway log file is:

```
/var/log/zabbix/zabbix_java_gateway.log
```

If you like to increase the logging, edit the file:

```
/etc/zabbix/zabbix_java_gateway_logback.xml
```

and change `level="info"` to `"debug"` or even `"trace"` (for deep troubleshooting):

```
<configuration scan="true" scanPeriod="15 seconds">
[...]  
  <root level="info">  
    <appender-ref ref="FILE" />  
  </root>  
</configuration>
```

## JMX monitoring

See [JMX monitoring](#) page for more details.

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