Backend server installation and update

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Requirements and prerequisites

Backend server minimal requirements are the same as for WCS, except for disk storage - greater is better, if the database is on the same server.

One of recommendedtime series DB should be installed to store stream metric values, and SQL DB should be installed to store stream history data (Postgresql is recommended). Database can be on the same server, or on separate servers.

Backend server installation and update

To install backend server:

1. Download current versionfrom this page

 $\verb|wget| https://flashphoner.com/downloads/builds/WCS_OAM/5.2/FlashphonerWebCallServerOAM-1.XXX.tar.gz| with the property of the property of$

2. Unpack archive FlashphonerWebCallServerOAM-1.XXX.tar.gz

tar -xvzf FlashphonerWebCallServerOAM-1.XXX.tar.gz

3. Go to folder from archive

cd FlashphonerWebCallServerOAM-1.xxx

4. Start installation script and follow its instructions

./install.sh

Backed server update should be done the same way.

Installation to a different Java versions

JDK 12 or 14

The following settings should be removed fromwcsoam-core.properties file

-XX:+UseConcMarkSweepGC

-XX:+PrintGCDateStamps

-XX:+PrintGCDetails

The following setting

-Xloggc:/usr/local/FlashphonerWebCallServer/logs/gc-core-

should be replaced by

 $\verb|-Xlog:gc*:/usr/local/FlashphonerWebCallServer/logs/gc-core-:time|\\$

In addition to setting changing for JDK 12 or 14, the following settings should be removed fromwcsoam-core.properties file

-XX:+UseCMSInitiatingOccupancyOnly -XX:CMSInitiatingOccupancyFraction=70