3.29 – Send logs to syslog

SparkView can collect and forward logs under Linux via syslog. This requires a few adjustments on the part of SparkView and on the server.

Adjustments SparkView:

Create the file `logging.properties` in the SparkView root directory. You can also copy an existing one from the JRE/lib directory and customize it by adding the following lines at the end:

```
.level= INFO
handlers= java.util.logging.ConsoleHandler, com.agafua.syslog.SyslogHandler
# Syslog logger
com.agafua.syslog.SyslogHandler.transport = udp
com.agafua.syslog.SyslogHandler.facility = local0
com.agafua.syslog.SyslogHandler.port = 514
com.agafua.syslog.SyslogHandler.hostname = vmuser-xubuntu1604
```

Then add the Java VM argument to the command that starts SparkView:

```
-Djava.util.logging.config.file=yourSparkViewFolder/logging.properties
```

Adjustments Server (Ubuntu):

1. Edit the file "/etc/rsyslog.conf" and comment/activate the following two lines:

   ```
   module(load="imudp")
   input(type="imudp" port="514")
   ```

2. Go to the directory "/etc/rsyslog.d" and create a new file "60-java.conf" (the name can be chosen arbitrarily) with the following content:

   ```
   local0.* /var/log/gateway.log
   ```

3. Restart the syslog service: `sudo service rsyslog restart`

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