

Measurement & Statistics

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Short Description

This work builds on the specification of the F-TICKS format [in](#) order to measure the amount of authentication events within an Authentication and Authorization Infrastructure (AAI), in particular eduGAIN.

People

- [Mario Reale](#)
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- [Miroslav Milinovi](#)
- Valeria Ardizzone

VCs

Schedule: biweekly on Fridays via Skype

Format

Available from here: [F-ticks standard](#)

How to configure your Shibboleth IdP to send the F-ticks

Easily done in 2 steps:

```
1) Modify the file "logback.xml" adding this part of code right above      "<!-- F-TICKS syslog destination
-->"
```

```
<!-- F-TICKS syslog destination. -->
<appender name="IDP_FTICKS_GEANT" class="ch.qos.logback.classic.net.SyslogAppender">
  <syslogHost> IP.ADDRESS.OF.THE.COLLECTOR </syslogHost>
  <port>514</port>
  <facility>AUTH</facility>
  <suffixPattern>[%thread] %logger %msg</suffixPattern>
</appender>

<logger name="Shibboleth-FTICKS" level="ALL" additivity="false">
  <appender-ref ref="IDP_FTICKS_GEANT"/>
</logger>
```

2) Restart the service with the following command:

```
export JAVA_HOME=/usr/lib/jvm/default-java

/bin/sh /opt/shibboleth-idp/bin/reload-service.sh -id shibboleth.LoggingService
```

Reference Material

F-TICKS Working Plan: <https://docs.google.com/document/d/1R0GDwYZvkONCR65GwhqydIXzsUo6plK4GwGuBf6oCXk/edit?usp=sharing>

F-TICKS GitHub Repository: <https://github.com/GEANT/CampusIdPFThicks>