

GlassFish v3-prelude Monitoring Test Plan

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1. Introduction

This monitoring QA one pager describes the testing activity for GF V3-Prelude release. Details like monitoring features to be tested, test scenarios, test deliverables, and schedules will be discussed in this document. Before the features testing begins the plan has to be approved by the QA lead and respective engineers working in the monitoring component.

2. Monitoring features to be tested in GF V3-Prelude

http-service monitoring

Under http-service in Glassfish the following statistics are available to monitor. Basically whatever available in Glassfish V2 http-service module will be available under Glassfish V3-Prelude release http-service module as well.

[web-container request statistics](#)
[web-container response time statistics](#)
[web-container http-response statistics](#)
[web-container file-cache statistics](#)
[web-container keep-alive statistics](#)
[web-container thread-pool statistics](#)
[web-container connection-queue statistics](#)
[web-container virtual-server statistics](#)
[web-container http-service statistics](#)

jvm monitoring

[jvm threads](#)
[jvm memory](#)
[jvm runtime](#)

3. Features not tested

Pluggability will not be tested for this prelude release as this involves more time in understanding and writing new modules in monitoring. Will start working on it post-prelude.

4. Monitoring test scenarios

Since there are no new statistics exposed in GF V3-Prelude release the V2 regression test suite will be run to verify the above monitoring stats.

Please refer to this [document](#) for test scenarios that will be executed in V3-prelude release

5. Test methodology

Since the existing stats are going to be exposed in GF v3-prelude release , the gf v2 regression test suite will be executed.

6. Test deliverables

This plan and test results of regression test suite.

7. Onepager Review

QA Lead:

Engineers: Sreenivas Munnangi, Prashanth Abbagani, Mahesh Kannan, Jennifer Chou, Harpreet Singh

8. Reference Documents

One Pager: [Monitoring in GlassFish v3](#)

Engineering Doc: [Internal](#)