One Pager: Testing Grizzly Configuration in GlassFish V3

1. Introduction

1.1. Project/Component Working Name

Testing Grizzly Configuration in GlassFish in V3.

1.2. Date of This Document

02/05/2009

2. Project Summary

2.1. Project Description

Grizzly is now part of the nucleus of GlassFish V3.
Grizzly configuration which was earlier part of the web container configuration will be separated out into its own configuration element.
In earlier versions of GlassFish, Grizzly was configured via the http-service element of domain.xml to field the HTTP traffic. In V3, because of this change, HTTP traffic can be handled by the nucleus and so the configuration of Grizzly will be separated out to its own configuration element in domain.xml.
Any network-specific configuration under `http-service` in `domain.xml` will be deprecated and mapped to the new `network-config` element. However, any HTTP protocol specific configuration will be retained under it.
Additionally, Grizzly configuration done in earlier versions of GlassFish using the -D properties will also be deprecated. Backward compatibility in V3 runtime will be maintained to support these by intelligently creating the network-config runtime bean in the admin infrastructure that will read values from these deprecated elements (use defaults where required) and populate the new network-config runtime bean which is then used to bootstrap Grizzly.

The DTD for Grizzly configuration can be found here
An example grizzly configuration file can be found here:

2.2 Test Approach:

SQE will use the following approach to test the new Configuration for Grizzly in GlassFish V3.

- Tests in the current sqe workspace that deal with http-service elements like http-listeners, virtual-servers, http-file-cache, http-protocol , and properties, etc . , will be ported with the updated cli commands that will support the new dtd configuration.

- Tests in the current sqe workspace that use the asadmin set, get commands dealing with the http-service dotted properties will be ported as well to match the new dotted properties in the network-config element..

- Grizzly-Configuration Test module in the sqe tomcat workspace will be added to the v3 test target after porting them with the right CLI commands that match the new configuration.

- Some of the new CLI commands like create-transport,delete-transport, create-network-listener , delete-network-listeners, create-protocol, delete-protocol etc, will be tested as part porting the above tests.

2.3.Features assumed to be tested by other groups

The Admin/Config changes: The changes in the Admin console and cli to support this new configuration schema, will be tested by the Admin QA team.

Security/TLS: Any TLS related configuration changes in the grizzly will be covered by the security test team.

3. Reference Documents

http://wiki.glassfish.java.net/Wiki.jsp?page=GrizzlyConfigOnePager