Test Plan

Glassfish V3 Admin GUI

for TP2

Version	Comments	Date	Au
1	First Draft	February. 14, 2008	Davis

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1.0 Introduction

1.1 Overview
This document specifies the plans to test Glassfish V3 Admin GUI for TF2 time frame. The document contains various resources and schedule to succeed the requirements . Details for test cases will be documented in the Test Specification

1.2 Objective
To provide the best quality for Admin GUI component in a permissible time

2.0 PCD Items

[Please click this link](#)

3.0 Features to be Tested

3.1 Nucleus (Core functionality)
    3.1.1 Common Task
    3.1.2 Application Server
        * General
        * JVM Settings
        * Path Settings
        * JVM Options
        * Profiler
        * Logger Settings
        * Log Level

3.2 Web Tier
    3.2.1 Login and Logout of Console
    3.2.1 DAS Configuration
    3.2.3 Applications showing Web App only
    3.2.4 Web Application
        * Deploy/Undeploy
        * Directory deployment
        * Launch
        * Enable/Disable
    3.2.5 Configuration
        * Web Container
            - General/Session/Manager/Store Property

* Security
  - List/Create/Delete Realms
  - Manager Users
* HTTP Service
* HTTP Listeners
  - List/Create/Delete/Edit Listeners
  - Create/Edit SSL
* Visual Servers
  - List/Create/Delete/Modify Virtual Services

3.2.6 Resources
* JDBC
  - List/Create/Delete/Modify JDBC Resource
  - List/Create/Delete/Modify JDBC Connection Pool

3.3 Infrastructure

3.3.1 Pluggability API
3.3.2 CRUD Functionality
* Provide GUI for POJO

3.4 OS and Browsers Supported

 Please see this link

4.0 Features Not Tested

- Any components not listed above
- Performance Management - Content Monitoring, Capacity planning, Load Balancing, HADB and Clustering.
- Usage Management

5.0 Schedule and Responsibilities

Propose Schedule

Tasks	Delivery	Duration	Target Date	Priority
Test Plan Completion	Test Plan	1 day	02/14/08	P0
Test Design Specification	Test Spec.	3 days	02/20/08	P0
Look and Feel test	1st Test Execution	3 days	02/22/08	P0
Application Server General	Test Execution	2 days	Varied	P0
JVM	Test Execution	1 day	Varied	P0
Login / Profile	Test Execution	1 day	Varied	P0
Web Tier - Web App	Test Execution	5 days	Varied	P0
DAS Configuration	Test Execution	1 day	Varied	P0
General Configuration	Test Execution	3 days	Varied	P0
General Resources	Test Execution	3 days	Varied	P0
SilkTest frame work setup	Test Automation	20 days	Varied	P0
Resources	Test Automation	7 days	Varied	P0
Configuration	Test Automation	8 days	Varied	P0
Web Applications	Test Automation	8 days	Varied	P0
Others components	Test Automation	7 days	Varied	P0
Selenium Test Frame Work Set up	Test Automation	15 days	Varied	P0
Simple config, resources and others	Test Automation	10 days	Varied	P0

6.0 Deliverables

- [Test plan - this document](#)
- Test specification document for instructions on running test cases -
- Test reports and logs - output from test execution runs, posted on web page
- Test suites - manual and automated test cases
    - All manual test cases will be documented - target 100%

- - Automated test cases will be automated, the plan is to have 85% by the FCS time frame
  - Code Coverage - target is 40%
  - Bugs filed on IssueTracker/Bugtraq

7.0 Test Methodology

- A set of manual test cases will be delivered/executed for verifying the supported features listed in 3.0
- Automation Tools (SilkTest and Selenium)
- All manual test will be automated and run at weekly promoted build for adhoc and regression verification
- Other comprehensive test and test tools will be conducted to enhance the quality.

8.0 Compatibility Test

Will use Glassfish V2 as the benchmark

9.0 Stress Test

- Load Runner will be used as a tool to generate excessive load (requests) from a client
- Big apps will be used for deployment

10.0 Approvals

Title	Name	Signature
Developer1	Anissa Lam	
Developer 2	Ken Paulsen	
Developer 3		
Acting QE Manager	Judy Tang	

11.0 Risk Management

- New features added at the late cycle
- Automation frame work from Glassfish V2 is unusable
- QE's resources

12.0 References

The references below have been used to compile this test plan.

Reference	Author	Version
Glassfis V3 PRD		
Admin GUI for V3		
Admin GUI Task List		
Admin GUI Functional Specification	Anissa Lam	

Date last modified: Wednesday, Febuary 14, 2008