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Title : GlassFish v3 Installation Test Specification

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Description:

- This document contains the test cases for the installer/  
uninstaller of  
the GlassFish V3 distribution. It also contains the test cases  
for the  
installer related sub components: registration and updatetool. It  
is  
based on the V3FinalInstallerOnePager.txt (see Section 9 for  
URL).

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Overview:

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1. GUI Installation / Registration
2. Installation options
3. Silent Installation
4. Uninstall
5. Update Tool
6. Document Review
7. Out of scope / Not supported features
8. Bug/RFE
9. Reference documents
10. Version History
11. Test Result

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Features:

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NOTE: Features prefixed with "\*\*\*" are new features of V3 post  
Prelude release.

TC= Test case #

TC 4.2 \*\* Support uninstallation in silent mode.

TC 3.4 \*\* Mask passwords stored in silent file.

TC 2.10 \*\* Support custom JDK path in addition to automatic  
detection.

TC 2.11 \*\* Co-existence of different product distributions(javaee,  
web

only etc.,) in a single machine.  
TC 2.12 \*\* Reduced download size of files required for installer program,

by about ~4MB(compared to v3 distribution).  
TC 2.13 \*\* All of the port numbers used by V3 server can now be customized

during installation.  
TC 4.9 \*\* Uninstallation program will be aware of components installed

through update tool.  
TC 2.14 \*\* Windows service support.

TC 1, 3 \* Support for Silent and GUI modes of installation.

TC 1.11 \* Online help.

TC 1.9 \* Product Registration.

TC 1.13, 1.5 \* Automated Configuration to setup GlassFish domain and

update center.  
TC 1 \* A self-extracting executable for ease-of-launching the installer.

TC 1.12 \* Desktop integration on Windows and Gnome based desktops for

GlassFish menu and items.  
TC 5.8 \* Update center notifier will be integrated in the desktop.

#### LATE FEATURES:

JDK Detection

#### GFv3 Prelude supported platforms:

Solaris 10 SPARC, Solaris 10 X86, RedHat EL 5,  
SuSE ES 10, Ubuntu 8.x, Windows XP, Windows Vista, Windows 2008,  
and Mac OS X.

#### GFv3 Preview supported platforms:

Tier 1: OpenSolaris 11.08, Solaris 10 X86U5, Windows XP SP3

Tier 2: Mac OS X 10.5.6, Red Hat EL 5

Tier 3: Ubuntu 8.04, Windows Vista SP1

#### GFv3 FCS supported platforms:

Tier 1: Open Solaris 2009.6, Solaris 10 x86 (latest / 32 bit JVM),  
Solaris 10 SPARC (latest / 32 bit JVM), Windows 7  
Professional,

Red Hat Enterprise Linux 5 (32 bit JVM)

Tier 2: MacOS 10.5/.6, Red Hat Enterprise Linux 5 (64 bit JVM),

Windows XP Professional SP latest (SP3), Solaris 10 SPARC  
64 bit JVM,  
Solaris 10 X86 64 bit JVM, SuSE Linux Enterprise Server 10  
(32 bit JVM)  
SuSE Linux Enterprise Server 10 (64 bit)  
Tier 3: (Sanity) Red Hat Enterprise Linux 4 (32 bit JVM), Ubuntu  
8.04, Windows 2003,  
Windows Vista Bussiness Edition,

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Other areas of interest:

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- Section 508 Compliance:  
>> [Issue 5542] GFv3Prelude: Section 508 compliance issues  
>> NOTE: GFv3 Preview Release: 5542/Section 508 is not committed.  
>> NOTE: GFv3 Preview Release: GFv3 will need to use new tool for Section  
508 compliance.  
>> NOTE: GFv3 FCS: Section 508 compliance is not required for the Installer  
per Carla's  
>> NOTE: email: Subject: Re: [Fwd: Orca error with Installer and UC] 508  
complicance  
>> NOTE: Date: 7/20/2009 8:42 AM

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Query:

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- For single bug:  
[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=<Issue No.>](https://glassfish.dev.java.net/issues/show_bug.cgi?id=<Issue No.>)  
  
- All open installation bugs:  
Go to <https://glassfish.dev.java.net/issues/query.cgi>  
Select Installation for Subcomponent.  
Select V3 for Target milestone.

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TEST CASES:

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Although these test cases reflect the GUI components of the  
installation screen, end-to-end (i.e. complete) installation  
will be performed where applicable. In general, the test case itself is  
self descriptive. If not, additional description is provided.

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1. GUI Installation:  
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To launch the installer, invoke <distribution\_name>.exe for Windows  
or

<distribution\_name>.sh for Unix/Linux/MacOS

Note: <distribution\_name>.dmg for Mac OS is not supported.

SANITY 1.1 Welcome screen

>>FAIL 1.1.1 Text -verify typo, product's name, version, etc.

>> [Issue 6944] GFV3: GlassFish v3 Preview -> product name needs to be updated

>> NOTE: Will not be able to fix 6944 until getting the final screen images

>> NOTE: (usually near the end of the cycle)

1.1.2 Cancel-Yes, exit installer if selected

1.1.3 Cancel-No

SANITY 1.1.4 Next -go to the next screen if selected

1.2 License screen

1.2.1 Text of License

SANITY 1.2.2 Accept -Next is activated if selected

SANITY 1.2.3 Do not accept -Default=selected

1.2.4 Do not accept -Next is not activated

1.2.5 Back -go to the previous screen if selected

1.3 Install Home screen

SANITY 1.3.1 Install Directory -Default=C:\glassfishv3

1.3.2 Install Directory -Default=\$HOME/glassfishv3 for Unix  
// i.e. /glassfishv3 for Solaris 10  
// or /root/glassfishv3 for RedHat Linux 5  
// or /home/<user-id>/glassfishv3 for non-root user

1.3.3 Install Directory-Nondefault

Pick a directory with space, i.e. C:\Programs Files

\glassfishv3

for Windows or "\$HOME/glassfishv3 withspace" for Unix.

>> Note: This will take care of the space in directory's name testing also.

1.3.4 Browse button (...)

1.3.5 Cancel

1.3.6 Back - if click, verify that value of license's choice is retained

SANITY 1.3.7 Next - go to the next screen if selected

1.4 GlassFish Configuration

// Note: XXXX denotes user supplied value

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>>NA SANITY 1.4.1 Anonymous Authentication -Default=enable
>>NA 1.4.2 Anonymous Authentication -Nondefault=disable
>>NA Admin Name=XXXX
>>NA Admin Password=XXXX
>>NA 1.4.2.1 Check for Admin Password > 8 characters
>> FIXED: [Issue 6595] Windows installer accepts the password less than 8
chars and fails to create-domain
// Note: These test cases are no longer valid (since b65)
and is
// replaced with the test cases below
SANITY 1.4.1 Check for default user=Admin
1.4.2 Admin Password= empty
>> NOTE: Anonymous has been removed. Default is Admin with empty password
>> NOTE: Now password can be empty or any number of character starting from
B65
SANITY 1.4.3 Admin Port -Default=4848
SANITY 1.4.4 HTTP Port -Default=8080
1.4.5 Admin Port -Nondefault=XXXX
1.4.6 HTTP Port -Nondefault=XXXX
1.4.7 Cancel
1.4.8 Back -value of install home is retained if selected
SANITY 1.4.9 Next -go to the next screen if selected
1.4.10 Next -click Back of the next screen and verify values of
the
ports are retained
1.4.11 Check for used ports: Install in a different location with
the same ports of previous installation. Make sure server
is running.
1.4.12 Check for invalid ports: Install with invalid port number,
i.e. out of range
>>NA 1.4.13 New panel of accepting additional ports (JMS, JMX, ...
etc.)
>> NOTE: Not committed 1.4.13 for Preview release.
SANITY 1.4.14 New panel for JDK location (detection)

1.5 Update Configuration
SANITY 1.5.1 Install Update Client -Default=Selected
1.5.2 Install Update Client -install without selected
SANITY 1.5.3 Proxy Host -Default=empty
SANITY 1.5.4 Proxy Port -Default=empty
SANITY 1.5.5 Enable Updatecenter client -Default=Selected
1.5.6 Enable Updatecenter client -install without selected
1.5.7 Cancel
1.5.8 Back -verify values of ports are retained if selected
SANITY 1.5.9 Next -go to the next screen if selected
1.5.10 Next -click Next and click Back of the next screen and
verify
values of the selections are retained
1.5.11 Set up a proxy server and install using the same proxy host
and

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port. Verify if the same proxy info is transferred to  
Update Tool

LATE FEATURE: JDK Detection

1.5.12 JDK Selection -verify that JDK is automatically detect

1.5.13 JDK Type In -verify that user is able to specify own  
choice JDK

1.6 Ready To Install screen

1.6.1 Check text description and version of the following:

1.6.2 Text-Install UC Bootstrap

SANITY 1.6.3 Text-Install GFV3 AS

1.6.4 Text-Install Installation & Uninstallation SW

1.6.5 Text-Configure UC Bootstrap

1.6.6 Text-Configure GFV3 AS

1.6.7 Cancel

1.6.8 Back

SANITY 1.6.9 Next

1.7 Progress screen

SANITY 1.7.1 Progress bar

1.7.2 Cancel

SANITY 1.7.3 Back=not activated (grayed out)

SANITY 1.7.4 Next=not activated (grayed out)

1.7.5 Verify if marketing texts/images display properly

1.8 Summary screen

SANITY 1.8.1 Overall Status: Complete

SANITY 1.8.2 Text

>>FAIL 1.8.3 Link1 -"detailed summary report" which points to  
install-summary.html below

>> [Issue 4964] GFV3TP2: Log file still contains reference to Engine 1.0

>> NOTE: Links work on Windows and some unix platforms but not all.

1.8.4 Link2 -"next steps"

1.8.5 Link3 -"log file" which points to install.log below

1.8.6 Link4 -<time-stamp>-install-summary.html

>>FAIL 1.8.7 Link5 -<time-stamp>-install.log

>> [Issue 4881] Install log file is not readable

SANITY 1.8.8 Individual product's status

SANITY 1.8.9 Cancel=grayed out

SANITY 1.8.10 Back=grayed out

SANITY 1.8.11 Exit

1.9 Registration screen

1.9.1 Existing SOA (Sun Online Account)

1.9.2 New SOA - Default

>> [Issue 6030] [installation] GFv3Prelude: Warning registration error  
message should be removed from the terminal console or presented in a  
readable format.

>> NOTE: WON'T FIX 6030 - registration backend issue  
>> [Issue 6031] [installation] GFv3Prelude: Installer should advance to the Summary screen after the registration is successful.  
>> NOTE: 6031 has been downgraded to P4 and is targeted for the next release.

### SANITY 1.9.3 Skip registration

#### 1.10 User Type

// Solaris and Linux

##### 1.10.1 Root

##### 1.10.2 Non-root

#### 1.11 Online Help

##### 1.11.1 TBD

#### 1.12 Desktop Integration

// Windows

##### 1.12.1 Start-> All Programs-> GlassFish v3

##### 1.12.2 Start Application Server

##### 1.12.3 Stop Application Server

##### 1.12.4 Start Update Tool

##### 1.12.5 About GlassFish v3

##### 1.12.6 Uninstall

// Gnome based desktops (Solaris & Linux)

##### 1.12.7 Applications -> Servers -> GlassFish v3

##### 1.12.8 Start Application Server

##### 1.12.9 Stop Application Server

>> NOTE: OS specific: Need to check for SuSE Linux: Unable to see the shortcuts for SuSE Linux even after logged out and logged in.

##### 1.12.10 Start Update Tool

##### 1.12.11 About GlassFish v3

##### 1.12.12 Uninstall

1.12.13 For 2nd and subsequent installations, reference to installation

directory will be added to "GlassFish v3" folder name.

#### 1.13 Glassfish domain

SANITY 1.13.1 Created

SANITY 1.13.2 Able to start

SANITY 1.13.3 Able to stop

#### 1.14 Distribution awareness

1.14.1 Product name corresponding to different distribution, i.e. v3 vs. v3 web or sges

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2. Installation Options
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2.1    setup[.exe | .sh] [-options ]
        // where options include
2.2    -a <answer file>
        // this is to run the program in silent mode
without
        // user interaction.
        // Need to use along with -s
>>NA   2.3    -R <Alternate Root Directory>
>> [Issue 5672] GFv3Prelude: Installer -R option does not work
>> NOTE: -R option is not support for this release; thus, this test case is
        no longer valid; see issue 5672
2.4    -l <Log Directory>
2.5    -q Logging level set to WARNING
2.6    -v Logging level set to FINEST
2.7    -j <javahome> JRE/JDK installation directory to be
used.
2.8    -n <answer file to be generated>
        // runs the program and generates the given answer
file
        // by capturing user inputs.
        // This can later be used with -a option to run in
non-
        // interactive mode.
2.9    -h | -help <Help message>.
2.10   ** Support custom JDK path in addition to automatic
detection.
        // Install JDK on system and check if the installer
        // automatically detect it.
2.11   ** Co-existence of different product distributions(javaee,
web
        only etc.,) in a single machine.
        // Install different distribution on the same
machine and
        // make sure all servers are able to start.
2.12   ** Reduced download size of files required for installer
program,
        by about ~4MB (compared to v3 distribution).
>>NA   2.13   ** All of the port numbers used by V3 server can now be
customized
        during installation.
>> NOTE: Not committed 2.13 for the Preview release.
2.14   ** Windows service support.
        // Start and stop the server using Windows service.

```



>> NOTE: Windows service support is not committed (depending on Admin CLI support)

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3. Silent Installation  
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Usage:

To create the state file: <installer> -n <name of your state file>

To install using the state file: <installer> -a <name of your state file> -s

3.1 Install using default values

3.2 Install using non-default values

>>NA 3.3 Install using headless system

// to make sure that installation works on a system without

GUI

// support libraries. Installer should go to text mode to

warn the

// user

>> NOTE: GFv3 Installer does not have text mode (console mode).

>> NOTE: Help is updated to remove -text option since it is not supported.

>>NA 3.4 \*\* Mask passwords stored in silent file.

// Generate the state file and check that passwords are

masked.

>> NOTE: Mask passwords feature is not committed.

Sample state file:

openInstaller Dry Run Answer File. This File can be used as input

to

the openInstaller engine using the -a option.

#Mon Jun 30 14:00:44 PDT 2008

InstallHome.directory.INSTALL\_HOME=/Users/sathyan/glassfish-v3tp2

License.license.ACCEPT\_LICENSE=0

GlassFish.administration.ADMIN\_PORT=4848

\*\* GlassFish.administration.ADMIN\_PASSWORD\_OBFUSCATED=TRUE

GlassFish.administration.ADMIN\_PASSWORD=

GlassFish.administration.ADMIN\_USERNAME=

GlassFish.administration.USE\_ANONYMOUS=true

GlassFish.administration.HTTP\_PORT=8080

SOAccountCreation.accountinfo.COMPANYNAME=

SOAccountCreation.accountinfo.COUNTRY=

SOAccountCreation.accountinfo.COUNTRY\_DROP\_DOWN=

SOAccountCreation.accountinfo.EMAIL=

SOAccountCreation.accountinfo.FIRSTNAME=

SOAccountCreation.accountinfo.LASTNAME=

\*\* SOAccountCreation.accountinfo.PASSWORD\_OBFUSCATED=TRUE

SOAccountCreation.accountinfo.PASSWORD=

SOAccountCreation.accountinfo.REENTERPASSWORD=

\*\* SOAccountCreation.accountinfo.STUDENT\_USER=FALSE

```

** GlassFish.javaconfig.JAVA_PATH=
RegistrationOptions.options.CREATE_NEWACCT=TRUE
RegistrationOptions.options.SKIP_REGISTRATION=FALSE
RegistrationOptions.options.USE_EXISTINGACCT=FALSE
RegistrationOptions.options.USERNAME=
RegistrationOptions.options.USERPASSWORD=
** GlassFish.portconfig.HTTP_SSL_PORT=8080
** GlassFish.portconfig.JMS_PORT=7676
** GlassFish.portconfig.JMX_PORT=8686
** GlassFish.portconfig.ORB_LISTENER_PORT=3700
** GlassFish.portconfig.ORB_MUTUALAUTH_PORT=3920
** GlassFish.portconfig.ORB_SSL_PORT=3820
updatetool.configuration.ALLOW_UPDATE_CHECK=true
updatetool.configuration.BOOTSTRAP_UPDATETOOL=true
updatetool.configuration.PROXY_HOST=
updatetool.configuration.PROXY_PORT=

```

NOTE: entries prefixed with "\*\*\*" are to support new features introduced post prelude release.

Actual sample of Preview's statefile:

Sample state file:

#openInstaller Dry Run Answer File. This File can be used as input to

the openInstaller engine using the -a option.

#Fri May 22 16:05:22 PDT 2009

RegistrationOptions.regoptions.CREATE\_NEWACCT=CREATE\_NEWACCT

glassfish.Administration.HTTP\_PORT=8080

updatetool.Configuration.PROXY\_PORT=

glassfish.Administration.ADMIN\_PASSWORD=

JDKSelection.directory.JDK\_FROM\_LIST\_CHOICE=true

RegistrationOptions.regoptions.SKIP\_REGISTRATION=SKIP\_REGISTRATION

updatetool.Configuration.PROXY\_HOST=

SOAccountCreation.accountinfo.COUNTRY=

InstallHome.directory.INSTALL\_HOME=C:\

\glassfishv3b47csdkpromotedfull

RegistrationOptions.regoptions.USE\_EXISTINGACCT=USE\_EXISTINGACCT

SOAccountCreation.accountinfo.FIRSTNAME=

glassfish.Administration.NON\_ANONYMOUS=NON\_ANONYMOUS

updatetool.Configuration.ALLOW\_UPDATE\_CHECK=true

glassfish.Administration.ADMIN\_USER=

JDKSelection.directory.JDK\_LIST=C:\Program Files\Java\

\jdk1.6.0\_13 (v. 1.6.0\_13 by Sun Microsystems Inc.)

SOAccountCreation.accountinfo.PASSWORD=

SOAccountCreation.accountinfo.COMPANYNAME=

glassfish.Administration.ANONYMOUS=ANONYMOUS

JDKSelection.directory.HIDDEN\_JDK=C:\Program Files\Java\

\jdk1.6.0\_13

```
SOAccountCreation.accountinfo.COUNTRY_DROP_DOWN=  
SOAccountCreation.accountinfo.REENTERPASSWORD=  
License.license.ACCEPT_LICENSE=0  
RegistrationOptions.regoptions.USERNAME=  
updatetool.Configuration.Bootstrap_UPDATETOOL=true  
SOAccountCreation.accountinfo.LASTNAME=  
glassfish.Administration.ADMIN_PORT=4848  
RegistrationOptions.regoptions.USERPASSWORD=  
JDKSelection.directory.JDK_TYPED_IN_CHOICE=false  
SOAccountCreation.accountinfo.EMAIL=  
JDKSelection.directory.JDK_TYPE_IN=  
RegistrationOptions.regoptions.DUMMY_PROP=
```

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4. Uninstallation  
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4. Uninstallation

>> [Issue 5854] [installation] GFv3Prelude: uninstall.sh does not have executable permission

>> NOTE: Not yet fixed 5854 for Preview release.

>> [Issue 6795] [installation] Uninstaller doesn't remove folders

>> NOTE: Uninstaller remove some but not all

SANITY 4.1 uninstall[.exe | .sh] [-options ]

where options include

>>NA 4.2 -a <answer file>

//this is to run the program in silent mode without

user

//interaction.

// This option -a is no longer applicable and is

replaced with

-s

>>NA 4.3 -R <Alternate Root Directory>

>> NOTE: -R option is not support for this release; thus, this test case is no longer valid; see issue 5672

>> 4.4 -l <Log Directory>

>> [Issue 8399] [installation] P2 - Umbrella bug for uninstaller's options:

-a, -l, -s, -n

>> Note: REOPENed 8399, although -a, -s, -n work, -l does not

4.5 -q Logging level set to WARNING

4.6 -v Logging level set to FINEST

4.7 -j <javahome>

// JRE/JDK installation directory to be used by

this

// program.

```

4.8          -h | -help <Help message>.
>>NA 4.9     ** Uninstallation program will be aware of components
installed
              through update tool.
>> NOTE: Not committed for Preview release
              // Use update tool to install several components;
              // perform uninstallation and check if those
components
              // are also uninstalled.

```

## 5. Update Tool

- These test cases are targeted at the GFv3 and UC 2.x integration but not the UC itself. Thus, other UC features such as Help, Preferences, etc. will not be covered.

```

SANITY 5.1    Able to start from CLI
          5.1.1 <install-dir>/bin/updatetool
          5.1.2 <install-dir>/updatetool/bin/updatetool
          5.2    Able to start from Desktop (i.e. Windows: Start Program
menu item)
SANITY 5.3    Selected available software component is able to install
          5.3.1 GFv3 server is able to start after installing all Available
Software components
              - Stop the GFv3 server and invoke updatetool
              - Select and install all Available Software components
              - Make sure that GFv3 is able to start
              - Deploy a sample application, i.e. hello.war
SANITY 5.4    Selected available software component is able to uninstall
          5.5    Selected available update component is able to install
          5.5.1 GFv3 server is able to start after installing all Available
Updates
              - Stop the GFv3 server and invoke updatetool
              - Select and install all Available Updates components
              (Note: only if updates are available and is supported for
a particular update,
              i.e. Prelude build 47d to build 53. The final build should
not have any available updates)
              - Make sure that GFv3 is able to start
              - Deploy a sample application, i.e. hello.war
          5.6    Selected available update component is able to uninstall
          5.7    Able to stop from Desktop (i.e. Windows: Start Program menu
item)
          5.8    Update center notifier from Desktop
          5.9    Set up a proxy server, install GFv3 with the proxy server's
info (host and port)
              and repeat the above test cases.
          5.10   Verify the various URLs (repository) for different bundles

```

(community, SDK, and Sun branded)

- Make sure that the final build has the correct repository for each bundle

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## 6. Document Review:

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- 6.1 Installation guide
- 6.2 Quick Start guide

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## 7. Out of Scope / Not supported features:

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- 7.1 // Please see section 4.4 of the InstallerOnePager.txt

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## 8.0 Bug/RFE Number(s):

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- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=5034](https://glassfish.dev.java.net/issues/show_bug.cgi?id=5034)(Gnome Desktop)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=5117](https://glassfish.dev.java.net/issues/show_bug.cgi?id=5117)(Unable to enter proxy information)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=5851](https://glassfish.dev.java.net/issues/show_bug.cgi?id=5851)(Reduce the size of installer by 4 mb by reusing engine and resources.zip)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=5888](https://glassfish.dev.java.net/issues/show_bug.cgi?id=5888)(Identify student user in the registration process)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6231](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6231)(installation directory not-empty, add glassfish directory)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6302](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6302)<Show advanced port defaults and let the user change it instead of silently accepting defaults>
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6466](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6466)(Silent uninstallation support)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6733](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6733)(uninstaller not cleaning up components installed through updatetool)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6779](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6779)(windows service)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6204](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6204)(Use correct properties file for sysnet registration, instead of hard-coding).
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6231](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6231)(installation directory not-empty, add glassfish directory)
- [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=4896](https://glassfish.dev.java.net/issues/show_bug.cgi?id=4896)(naming

consistency in components)

-[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6353](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6353)(User experience improvement, provide meaningful error message).

-[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6365](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6365)(unable to install on solaris 9, mktemp issue)

-[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6383](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6383)(start program items consolidation, missing admin console and update center items).

-[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6595](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6595)(<8 character password validation).

-[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6789](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6789)(Embedded space)

-[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=6792](https://glassfish.dev.java.net/issues/show_bug.cgi?id=6792)(remove uninstall.sh from windows, distribute only operating system specific files).

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## 9. Reference Documents:

9.1 <http://wiki.glassfish.java.net/attach/V3FunctionalSpecs/V3FinalInstallerOnePager.txt>

9.2 This document:

<http://wiki.glassfish.java.net/attach/V3FunctionalSpecs/GFv3PostPreviewInstallerTestSpec.txt>

(<http://wiki.glassfish.java.net/Wiki.jsp?page=V3FunctionalSpecs>)

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## 10. Version History

File name: GFv3InstallerTestSpec074b.txt

| Spec     | Author    | Version | Date of Test Spec | Date of Functional |
|----------|-----------|---------|-------------------|--------------------|
|          | Nolan Luu | 0.1     | 01/20/2009        | 01/14/09           |
|          | Nolan Luu | 0.2     | 01/27/2009        |                    |
|          | Nolan Luu | 0.3     | 03/12/2009        | based on review    |
| 03/11/09 |           |         |                   |                    |
| results  | Nolan Luu | 0.4     | 05/22/2009        | updated b47c test  |
| results  | Nolan Luu | 0.5     | 05/25/2009        | updated b47d test  |

|                          |           |      |            |                     |
|--------------------------|-----------|------|------------|---------------------|
| results                  | Nolan Luu | 0.50 | 06/10/2009 | updated b49 test    |
| results                  | Nolan Luu | 0.51 | 06/23/2009 | updated b51 test    |
| results                  | Nolan Luu | 0.52 | 06/30/2009 | updated b52 test    |
| results                  | Nolan Luu | 0.53 | 07/07/2009 | updated b53 test    |
| results                  | Nolan Luu | 0.54 | 07/14/2009 | updated b54 test    |
| results                  | Nolan Luu | 0.55 | 07/21/2009 | updated b55 test    |
| results                  | Nolan Luu | 0.56 | 07/28/2009 | updated b56 test    |
| results                  | Nolan Luu | 0.57 | 08/05/2009 | updated b57 test    |
| results                  | Nolan Luu | 0.58 | 08/12/2009 | updated b58 test    |
| results                  | Nolan Luu | 0.59 | 08/19/2009 | updated b59 test    |
| results                  | Nolan Luu | 0.60 | 08/26/2009 | updated b60 test    |
| results                  | Nolan Luu | 0.61 | 09/02/2009 | updated b61 test    |
| results                  | Nolan Luu | 0.62 | 09/10/2009 | updated b62 test    |
| Detection                | Nolan Luu | 0.63 | 09/16/2009 | updated b63/JDK     |
| results                  | Nolan Luu | 0.64 | 09/23/2009 | updated b64 test    |
| Anonymous Authentication | Nolan Luu | 0.65 | 09/30/2009 | updated b65/removed |
| results                  | Nolan Luu | 0.66 | 10/06/2009 | updated b66 test    |
| results                  | Nolan Luu | 0.67 | 10/13/2009 | updated b67 test    |
| results                  | Nolan Luu | 0.68 | 10/20/2009 | updated b68 test    |
| results                  | Nolan Luu | 0.69 | 10/27/2009 | updated b69 test    |
| results                  | Nolan Luu | 0.70 | 10/29/2009 | updated b70 test    |
| results                  | Nolan Luu | 0.71 | 11/10/2009 | updated b71 test    |
| results                  | Nolan Luu | 0.72 | 11/17/2009 | updated b72 test    |
| results                  | Nolan Luu | 0.73 | 11/24/2009 | updated b73 test    |
| results                  | Nolan Luu | 0.74 | 11/30/2009 | updated b74 test    |

|         |           |       |            |                   |
|---------|-----------|-------|------------|-------------------|
| results | Nolan Luu | 0.74a | 12/02/2009 | updated b74a test |
| results | Nolan Luu | 0.74b | 12/08/2009 | updated b74b test |

-----  
11. Test results:  
-----

GFv3 FCS:

Full Run Total: 114, BAT Run Total: 35

(The sum of applicable test cases from section 1 to 5.

S1=85, S2=14, S3=2, S4=5, S5=8)  
-----

-----  
Build: b74b-sdk-full-b30b b73-com-full

OS: Solaris 10 SPARC

Total: 114

Executed: 114

Pass: 111 or 97%

Fail: 3 or 3%

Note: (TC/Issue: 1.1.1/6944, 1.8.3/4964, 1.8.7/4881)

Build: b74b-com-full b74b-com-web, b74b-sges-full, b74b-sges-web,  
b74b-sdk-full-b30b, b74b-sdk-web-b30b

OS: Windows 7

Total: 114

Executed: 114

Pass: 111 or 97%

Fail: 3 or 3%

Note: (TC/Issue: 1.1.1/6944, 1.8.3/4964, 1.8.7/4881)

Build: b74-sdk-full-b30

OS: Solaris 10 X86

Total: 114

Executed: 114

Pass: 111 or 97%

Fail: 3 or 3%

Note: (TC/Issue: 1.1.1/6944, 1.8.3/4964, 1.8.7/4881)  
-----

-----  
Build: b74b-com-web

OS: Solaris 10 SPARC 64 bit JVM

Total: 35

Executed: 35

Pass: 35 or 100%

Fail: 0 or 0%



Note:

Build: b74b-com-full  
OS: Solaris 10 X86 64 bit JVM  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: b74b-com-full, b74b-com-web, b74b-sges-full, b74b-sges-web,  
b74b-sdk-full-b30b, b74b-sdk-web-b30b  
OS: Windows 7 64 bit JVM  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Davis's machine is still able to reproduce 11185 but Nolan's

machine

is not able to.

Build: b74b-sdk-web-b30b  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: b74b-com-full  
OS: Windows 2008  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Encountered issue 11185 but used workaround to bypass issue.

Build: b74b-sges-full  
OS: Windows Vista  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

-----  
-----  
Build: b74a-sdk-web-b30a  
OS: Solaris 10 X86  
Total: 114

Executed: 114  
Pass: 111 or 97%  
Fail: 3 or 3%  
Note: (TC/Issue: 1.1.1/6944, 1.8.3/4964, 1.8.7/4881)

---

Build: b74-sges-web  
OS: RHEL 5 64 bit JVM  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: b74-sges-full  
OS: Windows 2008  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

---

Build: 73 sdk full (BAT)  
OS: OpenSolaris 2009.06  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 73 community full (full test)  
OS: Solaris 10 SPARC  
Total: 114  
Executed: 114  
Pass: 111 or 97%  
Fail: 3 or 3%  
Note: (TC/Issue: 1.1.1/6944, 1.8.3/4964, 1.8.7/4881)

Build: 73 sdk full (BAT)  
OS: Mac OS 10.6  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: b73-sdk-full-b29  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

---

Build: 72 SDK B28  
OS: Solaris 10 SPARC  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 72 SDK B28 full  
OS: Ubuntu 8.04  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%

---

Build: 71 community full  
OS: Windows 7 Official Release (64 bit) with 64 bit JDK  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Issue 9034 is not reproducible.

Build: 71 SGES (Sun-branded)  
OS: Solaris 10 SPARC  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 71 SDK web (b27)  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%

Fail: 0 or 0%  
Note:

-----  
-----  
Build: GFv3 b70 / SDK b26  
OS: Windows 2008  
Total: 114  
Executed: 114  
Pass: 111 or 97%  
Fail: 3 or 3% (TC/Issue: 1.1.1/6944, 1.8.3/4964, 1.8.7/4881)

-----  
-----  
Build: 70 SDK b26 full  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

-----  
-----  
Build: 69 community full  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 69 SDK b25 web  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

-----  
-----  
Build: 68 SDK b24 full  
OS: Open Solaris  
Total: 35  
Executed: 35

Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 68 GFv3 community full  
OS: RHEL 5  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

---

Build: 67 community full  
OS: Solaris 10 SPARC  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 67 SDK b23 full  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Verified Admin/Update Issue 9158

Build: 67 SDK b23 full  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Admin GUI is very slow.

---

Build: 66 SDK b22 full  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: No Issue.

Build: 66 sdk web  
OS: Mac OS 10.6  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 66 SDK b22 full  
OS: Mac OS 10.6  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

-----  
-----

Build: 65 SDK b21 full  
OS: Solaris 9 U8 32 bit JVM  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Issue 9265 is fixed. The password 8-character restriction is  
removed  
in this build. Experienced UC Segmentation Fault - core dumped:  
UC Issue 310 Solaris 9 x86: updatetool SEGV crash in libgtk-x11

Build: 65 SDK full b21  
OS: SuSE ES 10  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Confirmed that the 8 characters restriction is removed and  
the Admin  
password can be any length

Build: 65 community full  
OS: Ubuntu 9.04  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%

-----  
-----

Build: 64 SDK b20 full  
OS: RHEL 5.3  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Used JDK 1.6.0\_16 64-bit. Added -d64 and -server to domain.xml. No issue.

Build: 64 community full  
OS: Solaris 10 SPARC, 64-bit JVM  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Issue 9265 is fixed. B64 has (empty password and) the 8-character password restriction, but the 8-character restriction will be removed in the next build 65.

Build: 64 SDK b20 web  
OS: Open Solaris  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Currently, b64 has (empty password and) the 8-character password restriction, but the 8-character restriction will be removed in the next build.

Build: 64 SDK full  
OS: Windows 7(32 bit) with 32 bit JDK  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Issue 9034 still exist.

-----  
-----

Build: 63 SDK web bundle  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:

-----  
-----  
Build: 62 SDK full  
OS: Solaris 10 X86 with JDK x64  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note: Issue 9265 is resolved.

-----  
-----  
Build: 61 SDK full bundle  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:

Build: 61 SDK b17 web bundle  
OS: Solaris 10 SPARC with JDK 1.6.0\_16 x64  
Total: 35  
Executed: 35  
Pass: 34 or 97%  
Fail: 1 or 3% (TC 4.1)  
Note: Experienced the same issue 9265 as previous build

-----  
-----  
Build: 60 community web bundle  
OS: Solaris 10 SPARC  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:

Build: 60 community full bundle  
OS: SuSE Linux 11 with JDK 1.6.0\_16 x64  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:



Build: 60 SDK b16 web  
OS: SuSE Linux 11  
Total: 35  
Executed: 35  
Pass: 34 or 97%  
Fail: 1 or 3% (TC 4.1)  
Note: File issue 9265

Build: 60 SDK b16 full  
OS: SuSE Linux 11  
Total: 35  
Executed: 35  
Pass: 34 or 97%  
Fail: 1 or 3% (TC 4.1)  
Note: Experienced the same issue 9265

Build: 60 SDK b16 web  
OS: Solaris 10 SPARC  
Total: 35  
Executed: 35  
Pass: 34 or 97%  
Fail: 1 or 3% (TC 4.1)  
Note: Experienced the same issue 9265

[Issue 9265] [installation] New - [Regression] Unable to uninstall:  
metadata directory is missing

-----  
-----

Build: 59 SDK full bundle  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:

Build: 59 SDK full  
OS: Windows Vista  
Total: 35  
Executed: 21  
Pass: 21 or 60%  
Fail: 14 or 40%  
Note: Issue 8669 REGRESSION: Windows Only: Installer hangs at 41%  
(UC bootstrap).

Unable to execute test cases from 1.8.1 and onward. Wait for next  
build to verify.

Build: 59 SDK full  
OS: RHEL 5  
Total: 35  
Executed: 35  
Pass: 32 or 94%  
Fail: 3 or 6%. Test 5.1, 5.3, 5.4  
Notes: Filed Issue 9161 (update\_center) P1 - (Regression) Unable to  
bring up updatetool on RHEL 5

-----  
-----  
Build: 58 SDK web  
OS: RHEL 5  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 58 SDK web  
OS: Solaris 10 X86  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

Build: 58 SDK web  
OS: Windows 2008  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0 or 0%  
Note:

-----  
-----  
Build: 57 community full bundle  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:  
Issue 8669 (installer hangs at 41%) is temporarily fixed. Sathyan's  
changes were backed out by Snjezana.

Issue 8489 (unable to create domain) is fixed in promoted b57.  
Issue 8717 and 8718 are fixed for AIX.  
Issue 8936 only affects AIX platform.

Build: 57 SDK full bundle  
OS: Windows 7 RC (32 bit)  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:

Build: 57 community full bundle and SDK web bundle  
OS: Windows 7 RC (64 bit) with JDK (64 bit)  
Total: 35  
Executed: 0  
Pass: 0  
Fail: 0  
Note:  
Filed issue 9034 to keep track

Build: 57 SDK full bundle  
OS: Solaris 10 X86  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note:

-----  
-----

Build: 56 SDK full, com web  
OS: Windows XP  
Total: 35  
Executed: 31  
Pass: 31 or 89%  
Fail: 4 or 11% (TC: 1.8.1, 1.13.1, 1.13.2, 1.13.3)  
Note:  
Issue 8669 (installer hangs at 41%) is temporarily fixed. Sathyan's changes were backed out by Snjezana.  
Issue 8489 (unable to create domain) is still there with b56 but is fixed in b57 nightly.

Build: 56 Sun branded full  
OS: Solaris SPARC  
Total: 35  
Executed: 35  
Pass: 35 or 100%

Fail: 0 or 0%

Build: 56 SDK full and com web

OS: Mac OS

Total: 35

Executed: 35

Pass: 35 or 100%

Fail: 0 or 0%

Note: Filed 8851 which is a dup of 8823 which is fixed in b57  
nightly.

Build: 56 SDK full, Sun branded and com web

OS: AIX 6.1

Total: 35

Executed: 35

Pass: 25 or 71%

Fail: 10 or 29% (TC: 1.7.1, 1.8.1, 1.8.8, 1.13.1, 1.13.2, 1.13.3,  
4.1, 5.1, 5.3, 5.4)

Note: Installation is incomplete. Filed issue 8936.

-----  
Build: 55

OS: Windows XP

Total: 35

Executed: 31

Pass: 31 or 89%

Fail: 4 or 11% (TC: 1.8.1, 1.13.1, 1.13.2, 1.13.3)

Note:

Issue 8669 (installer hangs at 41%) is temporarily fixed. Sathyan's  
changes were backed out by Snjezana.

Issue 8489 (unable to create domain)is still there.

-----  
Build: 54

OS: AIX 5.1 and 6.1

Total: 35

Executed: 0

Pass: 0 or 100%

Fail: 100%

Note: Blocking bugs. Only on AIX

[Issue 8717] [installation] GFv3: Unable to create temporary  
directory, exiting...

[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=8717](https://glassfish.dev.java.net/issues/show_bug.cgi?id=8717)

[Issue 8718] [installation] GFv3: Installer is unable to detect  
valid JDK on AIX

[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=8718](https://glassfish.dev.java.net/issues/show_bug.cgi?id=8718)  
-----

-----  
Build: 53  
OS: Windows XP  
Total: 35  
Executed: 21  
Pass: 21 or 60%  
Fail: 14 or 40%  
Note: Issue 8669 (installer hangs at 41%) is only on Windows  
[Issue 8669] [installation] New - REGRESSION: Windows Only:  
Installer hangs at 41% (UC bootstrap)  
[https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=8669](https://glassfish.dev.java.net/issues/show_bug.cgi?id=8669)  
Unable to execute test cases from 1.8.1 and onward.  
-----

-----  
Build: 52  
OS: Open Solaris  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note: Issue 8489 (unable to create domain)is only on Windows  
-----

-----  
Build: 51  
OS: Mac  
Total: 35  
Executed: 35  
Pass: 35 or 100%  
Fail: 0  
Note: Issue 8489 (unable to create domain) is only on Windows  
-----

-----  
Build: 49d  
OS: Windows XP  
Total: 35  
Executed: 35  
Pass: 32  
Fail: 3 (1.8.1, 1.8.8, 1.13.1 due to the below issue)  
[Issue 8489] [admin] GUI installer: glassfish v3 not configured,  
installation create domain failure  
-----

-----  
GFv3 PREVIEW: Full  
-----

-----  
Build: GFv3 b47d / SDK Preview b03d. Note: B47d has the same  
results as B47c.  
Total: 110 (The sum of test cases from section 1 to 5)  
Executed: 103 (7 tests are not applicable/committed for Preview  
-----

release)

Pass: 99 or 96%

Fail: 4 or 4%

