

**SailFin/SJSCAS1.0**

**Deployment Test Specification**

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**Version draft|1.0**

**Date: 25-September-2007**

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## Deployment Test Specification

### I. Introduction

Project Sailfin introduces the need to deploy standalone SIP Applications and SIP Applications embedded in an Enterprise Application. Deployment of Standalone SIP Applications, Converged HTTP and SIP Applications and Enterprise Applications containing a standalone SIP Application or Converged HTTP and SIP application or both.

### II. Test Scenarios - Summary

Index	Priority	Test Scenario ID/ Assertion ID	Comments
1.	P1	DEP-TS-01	Covered for MS2
2.		DEP-TS-02	Covered for MS2
3.		DEP-TS-03	Covered for MS2
4.		DEP-TS-04	Covered for MS2
5.		DEP-TS-05	Covered for MS2
6.		DEP-TS-06	Covered for MS2
7.		DEP-TS-07	Covered for MS2
8.		DEP-TS-08	Covered for MS2
9.		DEP-TS-10	Will be done post MS2
10.		DEP-TS-11	Will be done post MS2
11.		DEP-TS-12	Will be done post MS2
12.		DEP-TS-13	Will be done post MS2
Total = 12			
13.	P2	DEP-TS-09	
Total = 1			

### III. Test Scenarios Details

**Assumption: Domain is started and running.**

**The following scenarios are tested on a DAS.**

**1) DEP-TS-01: Deploying a SIP application.**

Description/Strategy:

Comment: Deploy the sip application (.sar/.war)  
Run the application.  
Undeploy the application.

Open Issues:

Comment:

**2) DEP-TS-02: Deploying a SIP application with redeploy.**

Description/Strategy:

Comment: Deploy the sip application (.sar/.war)  
Redeploy the application.  
Run the application.  
Undeploy the application.

Open Issues:

Comment:

**3) DEP-TS-03: Deploying a SIP application with domain restart.**

Description/Strategy:

Comment: Start the Domain  
Deploy the sip application (.sar/.war)  
Restart the domain.  
Run the application.  
Undeploy the application.

Open Issues:

Comment:

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### 4) DEP-TS-04: Deploying a SIP application on startup.

#### Description/Strategy:

Comment: Copy the application archive (.sar/.war) to autodeploy directory  
Restart the domain.  
Run the application.  
Undeploy the application.

#### Open Issues:

Comment:

### 5) DEP-TS-05: Deploying a SIP application with deploydir

#### Description/Strategy:

Comment: Extract the deployable archive  
Deploy the application with deploydir  
Run the application.  
Undeploy the application.

#### Open Issues:

Comment:

### 6) DEP-TS-06: Deploying a SIP application with enable set to false

#### Description/Strategy:

Comment: Deploy the application with --enabled=false  
Run the application. The application should fail.  
Enable the application.  
Run the application. Application should be accessible.  
Undeploy the application.

#### Open Issues:

Comment:

### 7) DEP-TS-07: Deploying a SIP application. (Negative scenario)

#### Description/Strategy:

Comment: Deploy the sip application (.sar/.war)  
Run the application.  
Undeploy the application.  
Run the application.

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1. Application should fail.
2. Application directory should be removed from domain-dir/
3. Application entry should be removed from domain.xml

### Open Issues:

Comment:

### **8) DEP-TS-08: Deploying a SIP application with --deploymentplan**

#### Description/Strategy:

Comment: Deploy the sip application (.sar/.war) with --deploymentplan (path containing the sun-specific descriptors)  
Run the application.  
Undeploy the application.

### Open Issues:

Comment:

### **9) DEP-TS-09: Deploying a SIP application using NetBeans**

#### Description/Strategy:

Comment: Configure Sailfin on NetBeans  
Deploy the sip application (.sar/.war) through NetBeans IDE.  
Run the application.  
Undeploy the application through NetBeans IDE.

### Open Issues:

Comment:

**The above basic scenarios will be repeated for:**

- 1. converged sip application**
- 2. ear with sip application and**
- 3. ear with converged sip application**

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**The above basic scenarios will be tested on a cluster with 3 instances. In addition to that, the following scenarios will be tested in the clustered environment.**

### **10) DEP-TS-10: Deploying a SIP application with cluster restart**

#### Description/Strategy:

Comment: Create a cluster with 3 local instances and start the cluster.  
Deploy the sip application (.sar/.war) onto a cluster.  
Run the application.  
Restart the cluster.  
Run the application.  
Undeploy the application.

#### Open Issues:

Comment:

### **11) DEP-TS-11: Deploying a SIP application with redeploy and cluster restart.**

#### Description/Strategy:

Comment: Create a cluster with 3 local instances and start the cluster.  
Deploy the sip application (.sar/.war)  
Restart the cluster.  
Redeploy the application.  
Run the application.  
Undeploy the application.

#### Open Issues:

Comment:

### **12) DEP-TS-12: Deploying a SIP application on a cluster with remote and local instances.**

#### Description/Strategy:

Comment: Create a cluster with 2 remote and 2 local instances and start the cluster.  
Deploy the sip application (.sar/.war)  
Run the application.  
Undeploy the application.

#### Open Issues:

Comment:

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### 13) DEP-TS-13: Undeploying a SIP application from a local or remote instance.

#### Description/Strategy:

Comment: Create a cluster with 2 remote and 2 local instances and start the cluster.  
Deploy the sip application (.sar/.war)  
Run the application.  
Undeploy the application from a single instance on a cluster. Undeploy should fail since undeploying from an individual instance which belongs to a cluster is not allowed.

#### Open Issues:

Comment:

**The above basic scenarios will be repeated for:**

- 1. converged sip application**
- 2. ear with sip application and**
- 3. ear with converged sip application**



## IV. Approvals/Reviewers

Name	Function	Date	Approval/Reviewer	Comments
Sony Manuel	Quality Engineer		Reviewer	
Prasad Subramanian	Engineering Module Owner		Approver	
Binod P.G/ Prasad Subramanian/ Jagadesh Munta	Lead		Approver	
Srikanth Anandal/ Sriram Lakkaraju	Manager		Approver	Optional.

## V. References

<http://wiki.glassfish.java.net/Wiki.jsp?page=FunctionalSpecsOnePagers>

<https://glassfish.dev.java.net/javaee5/docs/AG/ablgw.html#ablib>

<ftp://docs-pdf.sun.com/819-4736/819-4736.pdf>