

# Release Notes for SOA Suite 11g Technology Preview 3 update 1

January 31, 2008

## Introduction

This release of the product, Oracle SOA Suite 11g Technology Preview 3, is intended to give you an early view of the next major version of SOA Suite, known informally as Release 11.

Read this document to learn more about what we expect to work and what areas are not fully tested. We appreciate your interest in the product, and thank you in advance for providing your feedback on the Oracle Technology Network [discussion forum](#) dedicated to the SOA 11g Technology Preview release.

This release is not feature complete, in the sense that 1) the features shown in this release are not guaranteed to be in the final production release, and 2) we plan to add features in production that are not in the Technology Preview. This is the first technology preview to include the SOA and WebCenter run-time and design-time functionality with JDeveloper.

Please review the information and technical resources for JDeveloper 11g at the [JDeveloper 11g product center](#) on the Oracle Technology Network.

## About SOA

Oracle SOA Suite is a complete set of service infrastructure components for building, deploying, and managing service-oriented architectures. Oracle SOA Suite enables services to be created, managed, and orchestrated into composite applications and business processes. With Oracle SOA Suite's hot-pluggable components, organizations can extend and evolve their architectures easily without needing to replace existing investments.

Specifically, Oracle SOA Suite includes capabilities for connectivity to back-end systems (adapters) and trading partners (B2B), Enterprise Service Bus mediation capabilities, transformation (XSLT), orchestration (BPEL), business activity monitoring and security and management of Web services.

This Technology Preview release of Oracle SOA Suite 11g showcases the support for the Service Component Architecture (SCA) standard in Oracle SOA Suite through the new composite assembly editor in JDeveloper as well as a unified service engine foundation for the full set of SOA Suite components. Other key advances included in this 11g preview are native support for eventing, rich AJAX Human Task forms leveraging Oracle ADF, and Rules authoring usability improvements now integrated with JDeveloper.

## Known Issues

Make sure to read the **Tech Preview 3 SOA Installation** document for a clean installation and SOA Configure procedure that takes you through the install in an error-free process.

### General Issues and installation

At the start of the Configure SOA step you see a “Waiting max 420 second(s) for startup” message. After 7 minutes of waiting, the configuration ends with a FAILED message and suggests you look in the startsoa.log. Here is what you see from the Configure SOA message:

```
[echo] ==Waiting max 420 second(s) for startup of URL
http://hbuelow-lap:8988...
[exec] Result: 1
[echo]
*****
* Configuring SOA Infrastructure has FAILED.          *
* Please check following logs for possible cause: *
* C:\Documents and Settings\hbuelow\Application
Data\JDeveloper\system11.1.1.0.22.47.96\o.j2ee\embedded-
oc4j\install\tmp\soa-infra-java.log
* C:\Documents and Settings\hbuelow\Application
Data\JDeveloper\system11.1.1.0.22.47.96\o.j2ee\embedded-
oc4j\log\startsoa.log
*****
```

Here is the startsoa.log – it has only a few lines in it as follows:

```
java.lang.NoClassDefFoundError:
Exception in thread "main"
```

The problem is that the JDEV\_USER\_DIR environment variable has not been set and the default value is your home directory which includes spaces in the path (see above messages). Set this environment variable to a value without spaces as described in the **Tech Preview 3 SOA Installation** document.

If you are on Linux, it may be a different problem. Take a look at the URL in the waiting message. Make sure you have a valid domain name. For example, here is an invalid one:

```
[echo] ==Waiting max 420 second(s) for startup of URL http://cgbu-
oel.localdomain:8988...
```

The configuration step uses "\${hostname}.\${dnsdomainname} and this must resolve to a valid name.

There are two ways to fix this. If your machine has a domainname and it just needs to be set, you can do that with the domainname command. Make sure you can ping your hostname.domainname afterwards. If you do not have a domainname, or you are not sure (or if you are using vmware, for instance) you can change the script so that it uses only the hostname to resolve the server name.

The file that you can edit to remove dnsdomainname is : JOH\install\bpel\soa-infra-preInstall.xml  
Look for the place where "dnsdomainname" is used.

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At the end of this installation, the last step is to delete a file. This has been seen to fail occasionally. Since installation is otherwise complete, you can delete the file manually and safely continue. The message you will see looks like this and contains the path of the file that must be deleted:

```
[delete] Deleting:
C:\JDeveloper\user2\system11.1.1.0.22.47.96\o.j2ee\embedded-
oc4j\applications\soa-infra\deployed-composites.xml
[echo]
[echo] *****
[echo] * Configuring SOA Infrastructure has FAILED.      *
```

You will see many instances of this message in the server log window. This is not an error condition and can be safely ignored

```
WARNING: Error in resource driver during rollback:
javax.transaction.xa.XAException: The Xid is not known by the JMS server.
```

---

You may see an OutOfMemory error when deploying applications. You can change your memory settings by editing this file in your JDeveloper installation directory:

JOH\install\bpel\soa\_startup.properties

---

Login passwords for oc4jadmin and fmwadmin are "welcome". Some documentation may refer to the passwords as "welcome1."

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We have seen various issues when JDeveloper (JOH) and the instance directory (JDEV\_USER\_DIR) are not on the same drive. For best results, these should be on the same drive.

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## Rules

Rules design is now available in Technical Preview 3 update 1.

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## Human Task

In task editor for the human task an error is raised when selecting the advance rule feature  
java.net.URISyntaxException: Illegal character in path at index 68:

---

In task editor, configure Visibility, in Task action tab, click + and select "Add action access rule", note no reaction and got following error: `java.lang.NullPointerException`

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Before using the Run command on your application that contains a task flow, right-click the task flow project and rebuild it. Now you can deploy using the Run command.

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### Worklist

In worklist, after selecting the task details, the details are displayed in the lower part of the window. When selecting the action from here, sometimes you will see a session timeout error. Select the task in the task list to open it in another window instead. Sometimes a task detail window also gives a session time out error. The workaround in this case is to Restart all of your Firefox browser windows.

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### Application Deployment

Sometimes deployment using the Run option fails with an error saying that the oracle-archive.xml (the deployment profile) file is not found. In this case delete this file and use the Deploy command to create a new deployment profile.

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If you deploy and see messages that this went successfully but you do not see any deployed applications in the SOA Console, it is possible your installation step failed to properly delete an extraneous file that disrupts deployment. You should delete this file manually and restart the server to fix this problem. The file is in your JDeveloper instance directory:

```
JDEV_USER_DIR\system11.1.1.0.22.47.96\o.j2ee\embedded-oc4j\applications\soa-  
infra\deployed-composites.xml
```

---

### SOA Console

You may see this error when invoking a composite from the test page. It can be safely ignored.

```
07/12/17 16:03:07 SEVERE: CoreRemoteMBeanServer.fetchMBeanServerEjbRemote  
Error reading application-client descriptor: Error communicating with server:  
Not authorized; nested exception is:  
javax.naming.AuthenticationException: Not authorized for URL
```

---

If you restart the server from within JDeveloper, you must open a new instance of the SOA Console.

Simply refreshing an existing SOA Console window results in this error:

```
Error instantiating web-application
```

```
Error loading listener
```

```
'com.sun.faces.util.ReflectionUtils$ReflectionUtilsListener', class not found
```

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You may encounter this error when invoking your application. You would see this in the flow details in the SOA Console when viewing the payload of the BPEL activity. Simply invoke your application again.

```
<fault>
```

```
<remoteFault xmlns="http://schemas.oracle.com/bpel/extension"
```

```
xmlns="http://schemas.oracle.com/bpel/extension">
```

```
<part name="summary" >
```

```
<summary>java.io.FileNotFoundException:
```

```
C:\ws\jdevADRS4794\qausers\system11.1.1.0.22.47.94\o.j2ee\embedded-
```

```
oc4j\applications\soa-infra\fabric\WEB-INF\testpage\client?WSDL (The
```

```
filename, directory name, or volume label syntax is incorrect)</summary>
```

```
</part>
```

```
</remoteFault>
```

```
</fault>
```