

Web Services Stack 9.6 Readme

April 2014

This file contains important information you must read before using Web Services Stack 9.6. You can find additional information about Web Services Stack 9.6 on the [Software AG Documentation website](#). In addition, the following suite-related information is also available at that location:

webMethods Product Suite Release Notes
webMethods and Intelligent Business Operations System Requirements
webMethods System Cache Specifications
Using the Software AG Installer
Installing webMethods and Intelligent Business Operations Products
Using the Software AG Update Manager (fixes)
Upgrading webMethods and Intelligent Business Operations Products
Product Documentation

You can find the following information in the Products section of the [Empower website](#):

Security Information
Globalization Information

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1.0 Critical Information

This section lists the critical issues that were known when this readme was published. For critical information found later, go to the Knowledge Center portion of the [Empower website](#).

None.

2.0 Known Issues

This section lists issues that were known when this readme was published. For known issues found later, go to the Knowledge Center portion of the [Empower website](#).

None.

3.0 Usage Notes

This section highlights product limitations and changes to product behavior introduced in this release.

- Using HTTPS Transport
If a service declares the use of HTTPS transport explicitly in the services.xml file, it is also required that an HTTPS transport listener is configured in the axis2.xml file. When the Web Services Stack is deployed in Software AG Runtime, HTTPS transport listener is enabled by default in the axis2.xml. When it is deployed in a bare Tomcat servlet container, HTTPS is disabled by default. To enable it, navigate to the axis2.xml file (WEB-INF/conf/axis2.xml inside the wsstack deployment folder) and uncomment the following lines:

```
<transportReceiver name="https">  
  class="com.softwareag.wsstack.transport.http.HTTPSListener">  
    <parameter name="PROTOCOL">HTTP/1.1</parameter>  
    <parameter name="port">8443</parameter>  
    <parameter name="Transfer-Encoding">chunked</parameter>  
</transportReceiver>
```

Note that when a security policy with transport binding is present, the Rampart policy validator requires that the service be invoked over HTTPS transport.

- Using Stubs Generated with the wsdl2java Tool for a Service with Policy
 If you generate code stubs using the wsdl2java tool and there is some specific policy attached (such as a security policy) to the WSDL that requires a specific module to be handled (for example, by Rampart) the user must engage explicitly the respective module on the client side. Modules are automatically engaged for policies only when using the Web Services Stack client API.

- Invalid SSL Keystore/Truststore Files Causing Strange Exceptions
 You can use a remote or a local MIL server. See the System Management Hub documentation for the configuration details.
 In several cases when you use SSL, for example:
 - Securely deploy a Web service using the Deployment Client API.
 - Securely invoke a web service using the Client API.
 - Host a secured Web service using Web Services Stack runtime.
 - Other scenarios that require configuring Java keystore/truststore files.
 You may encounter the following exceptions:
 - “java.net.SocketException: Unconnected sockets not implemented”
 This may be caused by an invalid (missing) SSL keystore file.
 - “java.security.InvalidAlgorithmParameterException: the trustAnchors parameter must be non-empty”
 This may be caused by an invalid (missing) SSL truststore file.
 Note: These exceptions can have other causes as well but the common one is a missing keystore/truststore file.

- Processing large WSDL documents with a lot of imported XSD schema documents
 When Web Services Stack processes large WSLD documents with a lot of imported XSD schema documents, it may run into a java.lang.StackOverflowError when cloning WSDL definitions. In case this happens, users are advised to increase the default thread stack size by using the -Xss option. For example, “-Xss2m” to set the thread stack size to two megabytes.

- When using Web Services Stack to send messages with SOAP or MTOM attachments of content type “text/xml” and encoded as “quoted-printable” strings, you must strictly follow the MIME message specification RFC 2045. As of version 9.6, Web Services Stack does not tolerate deviations from the RFC 2045 specification.

4.0 Fixes and Enhancements

This section describes the fixes and enhancements included in Web Services Stack 9.6.

4.1 Fixes and Service Packs Included in This Release

This section lists the fixes and service packs for previous releases that have been included into the current release. If only some issues in a fix or service pack have been included, that partially included fix or service pack is not listed here, and those issues are listed separately in [Section 4.2 Resolved Issues](#). See the Knowledge Center section of the [Empower website](#) for more information about fixes and service packs.

- WSS_9.5_SP1_Fix1

- WSS_9.5_SP1_Fix3

4.2 Resolved Issues

This section lists issues that were resolved in this release and that are not included in the fixes and service packs listed in [Section 4.1 Fixes and Service Packs Included in This Release](#). These issues might have been resolved in a fix or service pack that was not included in its entirety into this release, or they might have been resolved since the last fix or service pack was released.

None.

4.3 Enhancements

For a detailed list of the enhancements included in Web Services Stack 9.6, see the Release Notes available on the [Software AG Documentation website](#).

4.4 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

Using Software AG Web Services Stack is a PDF publication that provides information about using Web Services Stack and replaces the HTML version of the Web Services Stack documentation.

4.5 Terminology Changes

This section lists terminology that has changed since the last full release of the product.

None.

4.6 Added, Removed, Deprecated, or Changed Items

This section lists product functionality that has been added, removed, deprecated, or changed since the last full release of the product. Deprecated Built-In services and APIs are listed in the relevant sections that follow this one.

None.

4.7 Added, Removed, Deprecated, or Changed Built-In Services

This section lists Built-In services that have been added, removed, deprecated, or changed since the last full release of the product.

None.

4.8 Added, Removed, Deprecated, or Changed APIs

This section lists APIs that have been added, removed, deprecated, or changed since the last full release of the product.

None.

5.0 Copyright Information

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6.0 Support

To obtain support for webMethods Product Suite components, refer to the following resources:

[Empower website](#)

Visit the Empower website to learn about support policies and critical alerts, read technical articles and papers, download products, fixes, and service packs, submit feature/enhancement requests, and more.

[Software AG Developer Community for webMethods](#)

Visit the Software AG Developer Community to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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