| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SSLServerSocketFactory.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/net/ssl/SSLServerSocket.html)   [**NEXT CLASS**](http://docs.google.com/javax/net/ssl/SSLSession.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/SSLServerSocketFactory.html)    [**NO FRAMES**](http://docs.google.com/SSLServerSocketFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

## **javax.net.ssl**

Class SSLServerSocketFactory

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.net.ServerSocketFactory](http://docs.google.com/javax/net/ServerSocketFactory.html)  
 **javax.net.ssl.SSLServerSocketFactory**

public abstract class **SSLServerSocketFactory**extends [ServerSocketFactory](http://docs.google.com/javax/net/ServerSocketFactory.html)

SSLServerSocketFactorys create SSLServerSockets.

**Since:** 1.4 **See Also:**[SSLSocket](http://docs.google.com/javax/net/ssl/SSLSocket.html), [SSLServerSocket](http://docs.google.com/javax/net/ssl/SSLServerSocket.html)

| **Constructor Summary** | |
| --- | --- |
| protected | [**SSLServerSocketFactory**](http://docs.google.com/javax/net/ssl/SSLServerSocketFactory.html#SSLServerSocketFactory())()            Constructor is used only by subclasses. |

| **Method Summary** | |
| --- | --- |
| static [ServerSocketFactory](http://docs.google.com/javax/net/ServerSocketFactory.html) | [**getDefault**](http://docs.google.com/javax/net/ssl/SSLServerSocketFactory.html#getDefault())()            Returns the default SSL server socket factory. |
| abstract  [String](http://docs.google.com/java/lang/String.html)[] | [**getDefaultCipherSuites**](http://docs.google.com/javax/net/ssl/SSLServerSocketFactory.html#getDefaultCipherSuites())()            Returns the list of cipher suites which are enabled by default. |
| abstract  [String](http://docs.google.com/java/lang/String.html)[] | [**getSupportedCipherSuites**](http://docs.google.com/javax/net/ssl/SSLServerSocketFactory.html#getSupportedCipherSuites())()            Returns the names of the cipher suites which could be enabled for use on an SSL connection created by this factory. |

| **Methods inherited from class javax.net.**[**ServerSocketFactory**](http://docs.google.com/javax/net/ServerSocketFactory.html) |
| --- |
| [createServerSocket](http://docs.google.com/javax/net/ServerSocketFactory.html#createServerSocket()), [createServerSocket](http://docs.google.com/javax/net/ServerSocketFactory.html#createServerSocket(int)), [createServerSocket](http://docs.google.com/javax/net/ServerSocketFactory.html#createServerSocket(int,%20int)), [createServerSocket](http://docs.google.com/javax/net/ServerSocketFactory.html#createServerSocket(int,%20int,%20java.net.InetAddress)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### SSLServerSocketFactory

protected **SSLServerSocketFactory**()

Constructor is used only by subclasses.

| **Method Detail** |
| --- |

### getDefault

public static [ServerSocketFactory](http://docs.google.com/javax/net/ServerSocketFactory.html) **getDefault**()

Returns the default SSL server socket factory.

The first time this method is called, the security property "ssl.ServerSocketFactory.provider" is examined. If it is non-null, a class by that name is loaded and instantiated. If that is successful and the object is an instance of SSLServerSocketFactory, it is made the default SSL server socket factory.

Otherwise, this method returns SSLContext.getDefault().getServerSocketFactory(). If that call fails, an inoperative factory is returned.

**Returns:**the default ServerSocketFactory**See Also:**[SSLContext.getDefault()](http://docs.google.com/javax/net/ssl/SSLContext.html#getDefault())

### getDefaultCipherSuites

public abstract [String](http://docs.google.com/java/lang/String.html)[] **getDefaultCipherSuites**()

Returns the list of cipher suites which are enabled by default. Unless a different list is enabled, handshaking on an SSL connection will use one of these cipher suites. The minimum quality of service for these defaults requires confidentiality protection and server authentication (that is, no anonymous cipher suites).

**Returns:**array of the cipher suites enabled by default**See Also:**[getSupportedCipherSuites()](http://docs.google.com/javax/net/ssl/SSLServerSocketFactory.html#getSupportedCipherSuites())

### getSupportedCipherSuites

public abstract [String](http://docs.google.com/java/lang/String.html)[] **getSupportedCipherSuites**()

Returns the names of the cipher suites which could be enabled for use on an SSL connection created by this factory. Normally, only a subset of these will actually be enabled by default, since this list may include cipher suites which do not meet quality of service requirements for those defaults. Such cipher suites are useful in specialized applications.

**Returns:**an array of cipher suite names**See Also:**[getDefaultCipherSuites()](http://docs.google.com/javax/net/ssl/SSLServerSocketFactory.html#getDefaultCipherSuites())

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SSLServerSocketFactory.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/net/ssl/SSLServerSocket.html)   [**NEXT CLASS**](http://docs.google.com/javax/net/ssl/SSLSession.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/SSLServerSocketFactory.html)    [**NO FRAMES**](http://docs.google.com/SSLServerSocketFactory.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#2s8eyo1) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

Copyright 2006 Sun Microsystems, Inc. All rights reserved. Use is subject to [license terms](http://docs.google.com/legal/license.html). Also see the [documentation redistribution policy](http://java.sun.com/docs/redist.html).