| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/javax/net/package-tree.html)   [**NEXT**](http://docs.google.com/javax/print/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

Hierarchy For Package javax.net.ssl

**Package Hierarchies:**[All Packages](http://docs.google.com/overview-tree.html)

## Class Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + javax.net.ssl.[**CertPathTrustManagerParameters**](http://docs.google.com/javax/net/ssl/CertPathTrustManagerParameters.html) (implements javax.net.ssl.[ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html))
  + java.util.[**EventObject**](http://docs.google.com/java/util/EventObject.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - javax.net.ssl.[**HandshakeCompletedEvent**](http://docs.google.com/javax/net/ssl/HandshakeCompletedEvent.html)
    - javax.net.ssl.[**SSLSessionBindingEvent**](http://docs.google.com/javax/net/ssl/SSLSessionBindingEvent.html)
  + javax.net.ssl.[**KeyManagerFactory**](http://docs.google.com/javax/net/ssl/KeyManagerFactory.html)
  + javax.net.ssl.[**KeyManagerFactorySpi**](http://docs.google.com/javax/net/ssl/KeyManagerFactorySpi.html)
  + javax.net.ssl.[**KeyStoreBuilderParameters**](http://docs.google.com/javax/net/ssl/KeyStoreBuilderParameters.html) (implements javax.net.ssl.[ManagerFactoryParameters](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html))
  + java.security.[**Permission**](http://docs.google.com/java/security/Permission.html) (implements java.security.[Guard](http://docs.google.com/java/security/Guard.html), java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.security.[**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
      * javax.net.ssl.[**SSLPermission**](http://docs.google.com/javax/net/ssl/SSLPermission.html)
  + java.net.[**ServerSocket**](http://docs.google.com/java/net/ServerSocket.html)
    - javax.net.ssl.[**SSLServerSocket**](http://docs.google.com/javax/net/ssl/SSLServerSocket.html)
  + javax.net.[**ServerSocketFactory**](http://docs.google.com/javax/net/ServerSocketFactory.html)
    - javax.net.ssl.[**SSLServerSocketFactory**](http://docs.google.com/javax/net/ssl/SSLServerSocketFactory.html)
  + java.net.[**Socket**](http://docs.google.com/java/net/Socket.html)
    - javax.net.ssl.[**SSLSocket**](http://docs.google.com/javax/net/ssl/SSLSocket.html)
  + javax.net.[**SocketFactory**](http://docs.google.com/javax/net/SocketFactory.html)
    - javax.net.ssl.[**SSLSocketFactory**](http://docs.google.com/javax/net/ssl/SSLSocketFactory.html)
  + javax.net.ssl.[**SSLContext**](http://docs.google.com/javax/net/ssl/SSLContext.html)
  + javax.net.ssl.[**SSLContextSpi**](http://docs.google.com/javax/net/ssl/SSLContextSpi.html)
  + javax.net.ssl.[**SSLEngine**](http://docs.google.com/javax/net/ssl/SSLEngine.html)
  + javax.net.ssl.[**SSLEngineResult**](http://docs.google.com/javax/net/ssl/SSLEngineResult.html)
  + javax.net.ssl.[**SSLParameters**](http://docs.google.com/javax/net/ssl/SSLParameters.html)
  + java.lang.[**Throwable**](http://docs.google.com/java/lang/Throwable.html) (implements java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - java.lang.[**Exception**](http://docs.google.com/java/lang/Exception.html)
      * java.io.[**IOException**](http://docs.google.com/java/io/IOException.html)
        + javax.net.ssl.[**SSLException**](http://docs.google.com/javax/net/ssl/SSLException.html)

javax.net.ssl.[**SSLHandshakeException**](http://docs.google.com/javax/net/ssl/SSLHandshakeException.html)

javax.net.ssl.[**SSLKeyException**](http://docs.google.com/javax/net/ssl/SSLKeyException.html)

javax.net.ssl.[**SSLPeerUnverifiedException**](http://docs.google.com/javax/net/ssl/SSLPeerUnverifiedException.html)

javax.net.ssl.[**SSLProtocolException**](http://docs.google.com/javax/net/ssl/SSLProtocolException.html)

* + javax.net.ssl.[**TrustManagerFactory**](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html)
  + javax.net.ssl.[**TrustManagerFactorySpi**](http://docs.google.com/javax/net/ssl/TrustManagerFactorySpi.html)
  + java.net.[**URLConnection**](http://docs.google.com/java/net/URLConnection.html)
    - java.net.[**HttpURLConnection**](http://docs.google.com/java/net/HttpURLConnection.html)
      * javax.net.ssl.[**HttpsURLConnection**](http://docs.google.com/javax/net/ssl/HttpsURLConnection.html)
  + javax.net.ssl.[**X509ExtendedKeyManager**](http://docs.google.com/javax/net/ssl/X509ExtendedKeyManager.html) (implements javax.net.ssl.[X509KeyManager](http://docs.google.com/javax/net/ssl/X509KeyManager.html))

## Interface Hierarchy

* java.util.[**EventListener**](http://docs.google.com/java/util/EventListener.html)
  + javax.net.ssl.[**HandshakeCompletedListener**](http://docs.google.com/javax/net/ssl/HandshakeCompletedListener.html)
  + javax.net.ssl.[**SSLSessionBindingListener**](http://docs.google.com/javax/net/ssl/SSLSessionBindingListener.html)
* javax.net.ssl.[**HostnameVerifier**](http://docs.google.com/javax/net/ssl/HostnameVerifier.html)
* javax.net.ssl.[**KeyManager**](http://docs.google.com/javax/net/ssl/KeyManager.html)
  + javax.net.ssl.[**X509KeyManager**](http://docs.google.com/javax/net/ssl/X509KeyManager.html)
* javax.net.ssl.[**ManagerFactoryParameters**](http://docs.google.com/javax/net/ssl/ManagerFactoryParameters.html)
* javax.net.ssl.[**SSLSession**](http://docs.google.com/javax/net/ssl/SSLSession.html)
* javax.net.ssl.[**SSLSessionContext**](http://docs.google.com/javax/net/ssl/SSLSessionContext.html)
* javax.net.ssl.[**TrustManager**](http://docs.google.com/javax/net/ssl/TrustManager.html)
  + javax.net.ssl.[**X509TrustManager**](http://docs.google.com/javax/net/ssl/X509TrustManager.html)

## Enum Hierarchy

* java.lang.[**Object**](http://docs.google.com/java/lang/Object.html)
  + java.lang.[**Enum**](http://docs.google.com/java/lang/Enum.html)<E> (implements java.lang.[Comparable](http://docs.google.com/java/lang/Comparable.html)<T>, java.io.[Serializable](http://docs.google.com/java/io/Serializable.html))
    - javax.net.ssl.[**SSLEngineResult.Status**](http://docs.google.com/javax/net/ssl/SSLEngineResult.Status.html)
    - javax.net.ssl.[**SSLEngineResult.HandshakeStatus**](http://docs.google.com/javax/net/ssl/SSLEngineResult.HandshakeStatus.html)

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | Class | Use | **Tree** | [**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**](http://docs.google.com/javax/net/package-tree.html)   [**NEXT**](http://docs.google.com/javax/print/package-tree.html) | [**FRAMES**](http://docs.google.com/index.html?javax/net/ssl/package-tree.html)    [**NO FRAMES**](http://docs.google.com/package-tree.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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.

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