| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/security/auth/callback/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/security/auth/login/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/kerberos/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

## Package javax.security.auth.kerberos

This package contains utility classes related to the Kerberos network authentication protocol.

**See:**

[**Description**](#3znysh7)

| **Class Summary** | |
| --- | --- |
| [**DelegationPermission**](http://docs.google.com/javax/security/auth/kerberos/DelegationPermission.html) | This class is used to restrict the usage of the Kerberos delegation model, ie: forwardable and proxiable tickets. |
| [**KerberosKey**](http://docs.google.com/javax/security/auth/kerberos/KerberosKey.html) | This class encapsulates a long term secret key for a Kerberos principal. |
| [**KerberosPrincipal**](http://docs.google.com/javax/security/auth/kerberos/KerberosPrincipal.html) | This class encapsulates a Kerberos principal. |
| [**KerberosTicket**](http://docs.google.com/javax/security/auth/kerberos/KerberosTicket.html) | This class encapsulates a Kerberos ticket and associated information as viewed from the client's point of view. |
| [**ServicePermission**](http://docs.google.com/javax/security/auth/kerberos/ServicePermission.html) | This class is used to protect Kerberos services and the credentials necessary to access those services. |

## Package javax.security.auth.kerberos Description

This package contains utility classes related to the Kerberos network authentication protocol. They do not provide much Kerberos support themselves.

The Kerberos network authentication protocol is defined in [RFC 1510](http://www.ietf.org/rfc/rfc1510.txt). The Java platform contains support for the client side of Kerberos via the [org.ietf.jgss](http://docs.google.com/org/ietf/jgss/package-summary.html) package. There might also be a login module that implements [LoginModule](http://docs.google.com/javax/security/auth/spi/LoginModule.html) to authenticate Kerberos principals.

You can provide the name of your default realm and Key Distribution Center (KDC) host for that realm using the system properties java.security.krb5.realm and java.security.krb5.kdc. Alternatively, you can provide an MIT style configuration file called krb5.conf in <java-home>/lib/security. If you place this file elsewhere, you can indicate that location via the system property java.security.krb5.conf.

**Since:** JDK1.4

| | [**Overview**](http://docs.google.com/overview-summary.html) | **Package** | Class | [**Use**](http://docs.google.com/package-use.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 PACKAGE**](http://docs.google.com/javax/security/auth/callback/package-summary.html)   [**NEXT PACKAGE**](http://docs.google.com/javax/security/auth/login/package-summary.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/kerberos/package-summary.html)    [**NO FRAMES**](http://docs.google.com/package-summary.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.

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).