| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AuthPermission.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   [**NEXT CLASS**](http://docs.google.com/javax/security/auth/Destroyable.html) | [**FRAMES**](http://docs.google.com/index.html?javax/security/auth/AuthPermission.html)    [**NO FRAMES**](http://docs.google.com/AuthPermission.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#tyjcwt) | DETAIL: FIELD | [CONSTR](#4d34og8) | METHOD |

## **javax.security.auth**

Class AuthPermission

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.security.Permission](http://docs.google.com/java/security/Permission.html)  
 [java.security.BasicPermission](http://docs.google.com/java/security/BasicPermission.html)  
 **javax.security.auth.AuthPermission**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Guard](http://docs.google.com/java/security/Guard.html)

public final class **AuthPermission**extends [BasicPermission](http://docs.google.com/java/security/BasicPermission.html)

This class is for authentication permissions. An AuthPermission contains a name (also referred to as a "target name") but no actions list; you either have the named permission or you don't.

The target name is the name of a security configuration parameter (see below). Currently the AuthPermission object is used to guard access to the Policy, Subject, LoginContext, and Configuration objects.

The possible target names for an Authentication Permission are:

doAs - allow the caller to invoke the  
 Subject.doAs methods.  
  
 doAsPrivileged - allow the caller to invoke the  
 Subject.doAsPrivileged methods.  
  
 getSubject - allow for the retrieval of the  
 Subject(s) associated with the  
 current Thread.  
  
 getSubjectFromDomainCombiner - allow for the retrieval of the  
 Subject associated with the  
 a SubjectDomainCombiner.  
  
 setReadOnly - allow the caller to set a Subject  
 to be read-only.  
  
 modifyPrincipals - allow the caller to modify the Set  
 of Principals associated with a  
 Subject  
  
 modifyPublicCredentials - allow the caller to modify the  
 Set of public credentials  
 associated with a Subject  
  
 modifyPrivateCredentials - allow the caller to modify the  
 Set of private credentials  
 associated with a Subject  
  
 refreshCredential - allow code to invoke the refresh  
 method on a credential which implements  
 the Refreshable interface.  
  
 destroyCredential - allow code to invoke the destroy  
 method on a credential object  
 which implements the Destroyable  
 interface.  
  
 createLoginContext.{name} - allow code to instantiate a  
 LoginContext with the  
 specified *name*. *name*  
 is used as the index into the installed login  
 Configuration  
 (that returned by  
 Configuration.getConfiguration()).  
 *name* can be wildcarded (set to '\*')  
 to allow for any name.  
  
 getLoginConfiguration - allow for the retrieval of the system-wide  
 login Configuration.  
  
 createLoginConfiguration.{type} - allow code to obtain a Configuration  
 object via  
 Configuration.getInstance.  
  
 setLoginConfiguration - allow for the setting of the system-wide  
 login Configuration.  
  
 refreshLoginConfiguration - allow for the refreshing of the system-wide  
 login Configuration.

The following target name has been deprecated in favor of createLoginContext.{name}.

createLoginContext - allow code to instantiate a  
 LoginContext.

javax.security.auth.Policy has been deprecated in favor of java.security.Policy. Therefore, the following target names have also been deprecated:

getPolicy - allow the caller to retrieve the system-wide  
 Subject-based access control policy.  
  
 setPolicy - allow the caller to set the system-wide  
 Subject-based access control policy.  
  
 refreshPolicy - allow the caller to refresh the system-wide  
 Subject-based access control policy.

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.security.auth.AuthPermission)

| **Constructor Summary** | |
| --- | --- |
| [**AuthPermission**](http://docs.google.com/javax/security/auth/AuthPermission.html#AuthPermission(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Creates a new AuthPermission with the specified name. |
| [**AuthPermission**](http://docs.google.com/javax/security/auth/AuthPermission.html#AuthPermission(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) name, [String](http://docs.google.com/java/lang/String.html) actions)            Creates a new AuthPermission object with the specified name. |

| **Method Summary** | |
| --- | --- |

| **Methods inherited from class java.security.**[**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html) |
| --- |
| [equals](http://docs.google.com/java/security/BasicPermission.html#equals(java.lang.Object)), [getActions](http://docs.google.com/java/security/BasicPermission.html#getActions()), [hashCode](http://docs.google.com/java/security/BasicPermission.html#hashCode()), [implies](http://docs.google.com/java/security/BasicPermission.html#implies(java.security.Permission)), [newPermissionCollection](http://docs.google.com/java/security/BasicPermission.html#newPermissionCollection()) |

| **Methods inherited from class java.security.**[**Permission**](http://docs.google.com/java/security/Permission.html) |
| --- |
| [checkGuard](http://docs.google.com/java/security/Permission.html#checkGuard(java.lang.Object)), [getName](http://docs.google.com/java/security/Permission.html#getName()), [toString](http://docs.google.com/java/security/Permission.html#toString()) |

| **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()), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [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** |
| --- |

### AuthPermission

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

Creates a new AuthPermission with the specified name. The name is the symbolic name of the AuthPermission.

**Parameters:**name - the name of the AuthPermission **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if name is null. [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if name is empty.

### AuthPermission

public **AuthPermission**([String](http://docs.google.com/java/lang/String.html) name,  
 [String](http://docs.google.com/java/lang/String.html) actions)

Creates a new AuthPermission object with the specified name. The name is the symbolic name of the AuthPermission, and the actions String is currently unused and should be null.

**Parameters:**name - the name of the AuthPermission

actions - should be null. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if name is null. [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if name is empty.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/AuthPermission.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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[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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