| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerPermission.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/management/MBeanServerNotification.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/MBeanTrustPermission.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/MBeanServerPermission.html)    [**NO FRAMES**](http://docs.google.com/MBeanServerPermission.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#4d34og8) | [METHOD](#3rdcrjn) |

## **javax.management**

Class MBeanServerPermission

[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.management.MBeanServerPermission**

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

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

A Permission to perform actions related to MBeanServers. The *name* of the permission specifies the operation requested or granted by the permission. For a granted permission, it can be \* to allow all of the MBeanServer operations specified below. Otherwise, for a granted or requested permission, it must be one of the following:

createMBeanServer Create a new MBeanServer object using the method [MBeanServerFactory.createMBeanServer()](http://docs.google.com/javax/management/MBeanServerFactory.html#createMBeanServer()) or [MBeanServerFactory.createMBeanServer(java.lang.String)](http://docs.google.com/javax/management/MBeanServerFactory.html#createMBeanServer(java.lang.String)). findMBeanServer Find an MBeanServer with a given name, or all MBeanServers in this JVM, using the method [MBeanServerFactory.findMBeanServer(java.lang.String)](http://docs.google.com/javax/management/MBeanServerFactory.html#findMBeanServer(java.lang.String)). newMBeanServer Create a new MBeanServer object without keeping a reference to it, using the method [MBeanServerFactory.newMBeanServer()](http://docs.google.com/javax/management/MBeanServerFactory.html#newMBeanServer()) or [MBeanServerFactory.newMBeanServer(java.lang.String)](http://docs.google.com/javax/management/MBeanServerFactory.html#newMBeanServer(java.lang.String)). releaseMBeanServer Remove the MBeanServerFactory's reference to an MBeanServer, using the method [MBeanServerFactory.releaseMBeanServer(javax.management.MBeanServer)](http://docs.google.com/javax/management/MBeanServerFactory.html#releaseMBeanServer(javax.management.MBeanServer)). The *name* of the permission can also denote a list of one or more comma-separated operations. Spaces are allowed at the beginning and end of the *name* and before and after commas.

MBeanServerPermission("createMBeanServer") implies MBeanServerPermission("newMBeanServer").

**Since:** 1.5 **See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.management.MBeanServerPermission)

| **Constructor Summary** | |
| --- | --- |
| [**MBeanServerPermission**](http://docs.google.com/javax/management/MBeanServerPermission.html#MBeanServerPermission(java.lang.String))([String](http://docs.google.com/java/lang/String.html) name)            Create a new MBeanServerPermission with the given name. |
| [**MBeanServerPermission**](http://docs.google.com/javax/management/MBeanServerPermission.html#MBeanServerPermission(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)            Create a new MBeanServerPermission with the given name. |

| **Method Summary** | |
| --- | --- |
| boolean | [**equals**](http://docs.google.com/javax/management/MBeanServerPermission.html#equals(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Checks two MBeanServerPermission objects for equality. |
| int | [**hashCode**](http://docs.google.com/javax/management/MBeanServerPermission.html#hashCode())()            Returns the hash code value for this object. |
| boolean | [**implies**](http://docs.google.com/javax/management/MBeanServerPermission.html#implies(java.security.Permission))([Permission](http://docs.google.com/java/security/Permission.html) p)            Checks if this MBeanServerPermission object "implies" the specified permission. |
| [PermissionCollection](http://docs.google.com/java/security/PermissionCollection.html) | [**newPermissionCollection**](http://docs.google.com/javax/management/MBeanServerPermission.html#newPermissionCollection())()            Returns a new PermissionCollection object for storing BasicPermission objects. |

| **Methods inherited from class java.security.**[**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html) |
| --- |
| [getActions](http://docs.google.com/java/security/BasicPermission.html#getActions()) |

| **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** |
| --- |

### MBeanServerPermission

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

Create a new MBeanServerPermission with the given name.

This constructor is equivalent to MBeanServerPermission(name,null).

**Parameters:**name - the name of the granted permission. It must respect the constraints spelt out in the description of the [MBeanServerPermission](http://docs.google.com/javax/management/MBeanServerPermission.html) class. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if the name is null. [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the name is not \* or one of the allowed names or a comma-separated list of the allowed names.

### MBeanServerPermission

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

Create a new MBeanServerPermission with the given name.

**Parameters:**name - the name of the granted permission. It must respect the constraints spelt out in the description of the [MBeanServerPermission](http://docs.google.com/javax/management/MBeanServerPermission.html) class.actions - the associated actions. This parameter is not currently used and must be null or the empty string. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if the name is null. [IllegalArgumentException](http://docs.google.com/java/lang/IllegalArgumentException.html) - if the name is not \* or one of the allowed names or a comma-separated list of the allowed names, or if actions is a non-null non-empty string. [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 or if arguments are invalid.

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

### hashCode

public int **hashCode**()

**Description copied from class:** [**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html#hashCode()) Returns the hash code value for this object. The hash code used is the hash code of the name, that is, getName().hashCode(), where getName is from the Permission superclass.

**Overrides:**[hashCode](http://docs.google.com/java/security/BasicPermission.html#hashCode()) in class [BasicPermission](http://docs.google.com/java/security/BasicPermission.html) **Returns:**a hash code value for this object.**See Also:**[Object.equals(java.lang.Object)](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### implies

public boolean **implies**([Permission](http://docs.google.com/java/security/Permission.html) p)

Checks if this MBeanServerPermission object "implies" the specified permission.

More specifically, this method returns true if:

* *p* is an instance of MBeanServerPermission,
* *p*'s target names are a subset of this object's target names

The createMBeanServer permission implies the newMBeanServer permission.

**Overrides:**[implies](http://docs.google.com/java/security/BasicPermission.html#implies(java.security.Permission)) in class [BasicPermission](http://docs.google.com/java/security/BasicPermission.html) **Parameters:**p - the permission to check against. **Returns:**true if the specified permission is implied by this object, false if not.

### equals

public boolean **equals**([Object](http://docs.google.com/java/lang/Object.html) obj)

Checks two MBeanServerPermission objects for equality. Checks that *obj* is an MBeanServerPermission, and represents the same list of allowable actions as this object.

**Overrides:**[equals](http://docs.google.com/java/security/BasicPermission.html#equals(java.lang.Object)) in class [BasicPermission](http://docs.google.com/java/security/BasicPermission.html) **Parameters:**obj - the object we are testing for equality with this object. **Returns:**true if the objects are equal.**See Also:**[Object.hashCode()](http://docs.google.com/java/lang/Object.html#hashCode()), [Hashtable](http://docs.google.com/java/util/Hashtable.html)

### newPermissionCollection

public [PermissionCollection](http://docs.google.com/java/security/PermissionCollection.html) **newPermissionCollection**()

**Description copied from class:** [**BasicPermission**](http://docs.google.com/java/security/BasicPermission.html#newPermissionCollection()) Returns a new PermissionCollection object for storing BasicPermission objects.

A BasicPermissionCollection stores a collection of BasicPermission permissions.

BasicPermission objects must be stored in a manner that allows them to be inserted in any order, but that also enables the PermissionCollection implies method to be implemented in an efficient (and consistent) manner.

**Overrides:**[newPermissionCollection](http://docs.google.com/java/security/BasicPermission.html#newPermissionCollection()) in class [BasicPermission](http://docs.google.com/java/security/BasicPermission.html) **Returns:**a new PermissionCollection object suitable for storing BasicPermissions.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerPermission.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/management/MBeanServerNotification.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/MBeanTrustPermission.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/MBeanServerPermission.html)    [**NO FRAMES**](http://docs.google.com/MBeanServerPermission.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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