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Contents

1.1 aspectjweaver 1.9.2

1.2 aws-java-sdk 1.11.263

1.2.1 Available under license :

```
/*
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 * and limitations under the License.
 */
package com.amazonaws.services.greengrass.model;

import javax.annotation.Generated;

/**
 * The type of permission a function has to access a resource.
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public enum Permission {

    Ro("ro"),
    Rw("rw");
```

```java
    private String value;

    private Permission(String value) {
        this.value = value;
    }

    @Override
    public String toString() {
        return this.value;
    }

    /**
     * Use this in place of valueOf.
     *
     * @param value
     *        real value
     * @return Permission corresponding to the value
     *
     * @throws IllegalArgumentException
     *         If the specified value does not map to one of the known values in this enum.
     */
    public static Permission fromValue(String value) {
        if (value == null || "".equals(value)) {
            throw new IllegalArgumentException("Value cannot be null or empty!");
        }

        for (Permission enumEntry : Permission.values()) {
            if (enumEntry.toString().equals(value)) {
                return enumEntry;
            }
        }

        throw new IllegalArgumentException("Cannot create enum from " + value + " value!");
    }
}
/*
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 *
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 * CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions
```

```java
 * and limitations under the License.
 */
package com.amazonaws.services.opsworks.model;

import java.io.Serializable;
import javax.annotation.Generated;
import com.amazonaws.protocol.StructuredPojo;
import com.amazonaws.protocol.ProtocolMarshaller;

/**
 * <p>
 * Describes stack or user permissions.
 * </p>
 *
 * @see <a href="http://docs.aws.amazon.com/goto/WebAPI/opsworks-2013-02-18/Permission"
 * target="_top">AWS API
 *      Documentation</a>
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public class Permission implements Serializable, Cloneable, StructuredPojo {

    /**
     * <p>
     * A stack ID.
     * </p>
     */
    private String stackId;
    /**
     * <p>
     * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more
information about
     * IAM ARNs, see <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using
     * Identifiers</a>.
     * </p>
     */
    private String iamUserArn;
    /**
     * <p>
     * Whether the user can use SSH.
     * </p>
     */
    private Boolean allowSsh;
    /**
     * <p>
     * Whether the user can use <b>sudo</b>.
     * </p>
     */
    private Boolean allowSudo;
```

```
/**
 * <p>
 * The user's permission level, which must be the following:
 * </p>
 * <ul>
 * <li>
 * <p>
 * <code>deny</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>show</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>deploy</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>manage</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>iam_only</code>
 * </p>
 * </li>
 * </ul>
 * <p>
 * For more information on the permissions associated with these levels, see <a
 * href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User
 * Permissions</a>
 * </p>
 */
private String level;

/**
 * <p>
 * A stack ID.
 * </p>
 *
 * @param stackId
 *        A stack ID.
 */
```

```java
    public void setStackId(String stackId) {
        this.stackId = stackId;
    }

    /**
     * <p>
     * A stack ID.
     * </p>
     *
     * @return A stack ID.
     */

    public String getStackId() {
        return this.stackId;
    }

    /**
     * <p>
     * A stack ID.
     * </p>
     *
     * @param stackId
     *        A stack ID.
     * @return Returns a reference to this object so that method calls can be chained together.
     */

    public Permission withStackId(String stackId) {
        setStackId(stackId);
        return this;
    }

    /**
     * <p>
     * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more
     * information about
     * IAM ARNs, see <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using
     * Identifiers</a>.
     * </p>
     *
     * @param iamUserArn
     *        The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more
     *        information
     *        about IAM ARNs, see <a
     *        href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using
     *        Identifiers</a>.
     */

    public void setIamUserArn(String iamUserArn) {
```

```java
    this.iamUserArn = iamUserArn;
}

/**
 * <p>
 * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more
information about
 * IAM ARNs, see <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using
 * Identifiers</a>.
 * </p>
 *
 * @return The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For
more information
 *         about IAM ARNs, see <a
 *         href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using Identifiers</a>.
 */

public String getIamUserArn() {
    return this.iamUserArn;
}

/**
 * <p>
 * The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more
information about
 * IAM ARNs, see <a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using
 * Identifiers</a>.
 * </p>
 *
 * @param iamUserArn
 *        The Amazon Resource Name (ARN) for an AWS Identity and Access Management (IAM) role. For more
information
 *        about IAM ARNs, see <a
href="http://docs.aws.amazon.com/IAM/latest/UserGuide/Using_Identifiers.html">Using
 *        Identifiers</a>.
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Permission withIamUserArn(String iamUserArn) {
    setIamUserArn(iamUserArn);
    return this;
}

/**
 * <p>
 * Whether the user can use SSH.
 * </p>
 *
```

```java
 * @param allowSsh
 *        Whether the user can use SSH.
 */

public void setAllowSsh(Boolean allowSsh) {
    this.allowSsh = allowSsh;
}

/**
 * <p>
 * Whether the user can use SSH.
 * </p>
 *
 * @return Whether the user can use SSH.
 */

public Boolean getAllowSsh() {
    return this.allowSsh;
}

/**
 * <p>
 * Whether the user can use SSH.
 * </p>
 *
 * @param allowSsh
 *        Whether the user can use SSH.
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Permission withAllowSsh(Boolean allowSsh) {
    setAllowSsh(allowSsh);
    return this;
}

/**
 * <p>
 * Whether the user can use SSH.
 * </p>
 *
 * @return Whether the user can use SSH.
 */

public Boolean isAllowSsh() {
    return this.allowSsh;
}

/**
```

```java
 * <p>
 * Whether the user can use <b>sudo</b>.
 * </p>
 *
 * @param allowSudo
 *        Whether the user can use <b>sudo</b>.
 */

public void setAllowSudo(Boolean allowSudo) {
    this.allowSudo = allowSudo;
}

/**
 * <p>
 * Whether the user can use <b>sudo</b>.
 * </p>
 *
 * @return Whether the user can use <b>sudo</b>.
 */

public Boolean getAllowSudo() {
    return this.allowSudo;
}

/**
 * <p>
 * Whether the user can use <b>sudo</b>.
 * </p>
 *
 * @param allowSudo
 *        Whether the user can use <b>sudo</b>.
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Permission withAllowSudo(Boolean allowSudo) {
    setAllowSudo(allowSudo);
    return this;
}

/**
 * <p>
 * Whether the user can use <b>sudo</b>.
 * </p>
 *
 * @return Whether the user can use <b>sudo</b>.
 */

public Boolean isAllowSudo() {
```

```
    return this.allowSudo;
}

/**
 * <p>
 * The user's permission level, which must be the following:
 * </p>
 * <ul>
 * <li>
 * <p>
 * <code>deny</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>show</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>deploy</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>manage</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>iam_only</code>
 * </p>
 * </li>
 * </ul>
 * <p>
 * For more information on the permissions associated with these levels, see <a
 * href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User
 * Permissions</a>
 * </p>
 *
 * @param level
 *        The user's permission level, which must be the following:</p>
 *        <ul>
 *        <li>
 *        <p>
 *        <code>deny</code>
 *        </p>
 *        </li>
```

```
*       <li>
*       <p>
*       <code>show</code>
*       </p>
*       </li>
*       <li>
*       <p>
*       <code>deploy</code>
*       </p>
*       </li>
*       <li>
*       <p>
*       <code>manage</code>
*       </p>
*       </li>
*       <li>
*       <p>
*       <code>iam_only</code>
*       </p>
*       </li>
*       </ul>
*       <p>
*       For more information on the permissions associated with these levels, see <a
*       href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing
User
*       Permissions</a>
*/

    public void setLevel(String level) {
        this.level = level;
    }

    /**
     * <p>
     * The user's permission level, which must be the following:
     * </p>
     * <ul>
     * <li>
     * <p>
     * <code>deny</code>
     * </p>
     * </li>
     * <li>
     * <p>
     * <code>show</code>
     * </p>
     * </li>
     * <li>
```

```
* <p>
* <code>deploy</code>
* </p>
* </li>
* <li>
* <p>
* <code>manage</code>
* </p>
* </li>
* <li>
* <p>
* <code>iam_only</code>
* </p>
* </li>
* </ul>
* <p>
* For more information on the permissions associated with these levels, see <a
* href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User
* Permissions</a>
* </p>
*
* @return The user's permission level, which must be the following:</p>
*         <ul>
*         <li>
*         <p>
*         <code>deny</code>
*         </p>
*         </li>
*         <li>
*         <p>
*         <code>show</code>
*         </p>
*         </li>
*         <li>
*         <p>
*         <code>deploy</code>
*         </p>
*         </li>
*         <li>
*         <p>
*         <code>manage</code>
*         </p>
*         </li>
*         <li>
*         <p>
*         <code>iam_only</code>
*         </p>
*         </li>
```

```
*        </ul>
*        <p>
*        For more information on the permissions associated with these levels, see <a
*        href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing
User
*        Permissions</a>
*/

public String getLevel() {
    return this.level;
}

/**
 * <p>
 * The user's permission level, which must be the following:
 * </p>
 * <ul>
 * <li>
 * <p>
 * <code>deny</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>show</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>deploy</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>manage</code>
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>iam_only</code>
 * </p>
 * </li>
 * </ul>
 * <p>
 * For more information on the permissions associated with these levels, see <a
 * href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing User
 * Permissions</a>
 * </p>
```

```
 *
 * @param level
 *        The user's permission level, which must be the following:</p>
 *        <ul>
 *        <li>
 *        <p>
 *        <code>deny</code>
 *        </p>
 *        </li>
 *        <li>
 *        <p>
 *        <code>show</code>
 *        </p>
 *        </li>
 *        <li>
 *        <p>
 *        <code>deploy</code>
 *        </p>
 *        </li>
 *        <li>
 *        <p>
 *        <code>manage</code>
 *        </p>
 *        </li>
 *        <li>
 *        <p>
 *        <code>iam_only</code>
 *        </p>
 *        </li>
 *        </ul>
 *        <p>
 *        For more information on the permissions associated with these levels, see <a
 *        href="http://docs.aws.amazon.com/opsworks/latest/userguide/opsworks-security-users.html">Managing
User
 *        Permissions</a>
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Permission withLevel(String level) {
    setLevel(level);
    return this;
}

/**
 * Returns a string representation of this object; useful for testing and debugging.
 *
 * @return A string representation of this object.
 *
```

```java
 * @see java.lang.Object#toString()
 */
@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append("{");
    if (getStackId() != null)
        sb.append("StackId: ").append(getStackId()).append(",");
    if (getIamUserArn() != null)
        sb.append("IamUserArn: ").append(getIamUserArn()).append(",");
    if (getAllowSsh() != null)
        sb.append("AllowSsh: ").append(getAllowSsh()).append(",");
    if (getAllowSudo() != null)
        sb.append("AllowSudo: ").append(getAllowSudo()).append(",");
    if (getLevel() != null)
        sb.append("Level: ").append(getLevel());
    sb.append("}");
    return sb.toString();
}

@Override
public boolean equals(Object obj) {
    if (this == obj)
        return true;
    if (obj == null)
        return false;

    if (obj instanceof Permission == false)
        return false;
    Permission other = (Permission) obj;
    if (other.getStackId() == null ^ this.getStackId() == null)
        return false;
    if (other.getStackId() != null && other.getStackId().equals(this.getStackId()) == false)
        return false;
    if (other.getIamUserArn() == null ^ this.getIamUserArn() == null)
        return false;
    if (other.getIamUserArn() != null && other.getIamUserArn().equals(this.getIamUserArn()) == false)
        return false;
    if (other.getAllowSsh() == null ^ this.getAllowSsh() == null)
        return false;
    if (other.getAllowSsh() != null && other.getAllowSsh().equals(this.getAllowSsh()) == false)
        return false;
    if (other.getAllowSudo() == null ^ this.getAllowSudo() == null)
        return false;
    if (other.getAllowSudo() != null && other.getAllowSudo().equals(this.getAllowSudo()) == false)
        return false;
    if (other.getLevel() == null ^ this.getLevel() == null)
        return false;
```

```java
        if (other.getLevel() != null && other.getLevel().equals(this.getLevel()) == false)
            return false;
        return true;
    }

    @Override
    public int hashCode() {
        final int prime = 31;
        int hashCode = 1;

        hashCode = prime * hashCode + ((getStackId() == null) ? 0 : getStackId().hashCode());
        hashCode = prime * hashCode + ((getIamUserArn() == null) ? 0 : getIamUserArn().hashCode());
        hashCode = prime * hashCode + ((getAllowSsh() == null) ? 0 : getAllowSsh().hashCode());
        hashCode = prime * hashCode + ((getAllowSudo() == null) ? 0 : getAllowSudo().hashCode());
        hashCode = prime * hashCode + ((getLevel() == null) ? 0 : getLevel().hashCode());
        return hashCode;
    }

    @Override
    public Permission clone() {
        try {
            return (Permission) super.clone();
        } catch (CloneNotSupportedException e) {
            throw new IllegalStateException("Got a CloneNotSupportedException from Object.clone() " + "even though
we're Cloneable!", e);
        }
    }

    @com.amazonaws.annotation.SdkInternalApi
    @Override
    public void marshall(ProtocolMarshaller protocolMarshaller) {
        com.amazonaws.services.opsworks.model.transform.PermissionMarshaller.getInstance().marshall(this,
protocolMarshaller);
    }
}
/*
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*
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WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions
```

```
 * and limitations under the License.
 */
package com.amazonaws.services.appstream.model;

import javax.annotation.Generated;

/**
 *
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public enum Permission {

    ENABLED("ENABLED"),
    DISABLED("DISABLED");

    private String value;

    private Permission(String value) {
        this.value = value;
    }

    @Override
    public String toString() {
        return this.value;
    }

    /**
     * Use this in place of valueOf.
     *
     * @param value
     *        real value
     * @return Permission corresponding to the value
     *
     * @throws IllegalArgumentException
     *         If the specified value does not map to one of the known values in this enum.
     */
    public static Permission fromValue(String value) {
        if (value == null || "".equals(value)) {
            throw new IllegalArgumentException("Value cannot be null or empty!");
        }

        for (Permission enumEntry : Permission.values()) {
            if (enumEntry.toString().equals(value)) {
                return enumEntry;
            }
        }

        throw new IllegalArgumentException("Cannot create enum from " + value + " value!");
```

```java
    }
}
/*
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 *
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 * on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
 * express or implied. See the License for the specific language governing
 * permissions and limitations under the License.
 */
package com.amazonaws.services.s3.model;

/**
 * Specifies constants defining an access permission,
 * as granted to grantees in an
 * {@link AccessControlList}. Only a limited set of permission are available;
 * each one is represented as a value in this enumeration.
 */
public enum Permission {

    /**
     * Provides READ, WRITE, READ_ACP, and WRITE_ACP permissions.
     * <p>
     * It does not convey additional rights and is provided only for
     * convenience.
     * </p>
     */
    FullControl("FULL_CONTROL", "x-amz-grant-full-control"),

    /**
     * Grants permission to list the bucket when applied to a bucket.
     * Grants permission to read object data
     * and/or metadata when applied to an object.
     */
    Read("READ", "x-amz-grant-read"),

    /**
     * Grants permission to create, overwrite, and
     * delete any objects in the bucket.
     * <p>
     * This permission is not supported for objects.
     * </p>
```

```java
 */
Write("WRITE", "x-amz-grant-write"),

/**
 * Grants permission to read the ACL for the applicable bucket or object.
 * <p>
 * The owner of a bucket or object always implicitly has this permission.
 * </p>
 */
ReadAcp("READ_ACP", "x-amz-grant-read-acp"),

/**
 * Gives permission to overwrite the ACP for the applicable bucket or
 * object.
 * <p>
 * The owner of a bucket or object always has this permission implicitly.
 * </p>
 * <p>
 * Granting this permission is equivalent to granting <code>FULL_CONTROL</code>because
 * the grant recipient can make any changes to the ACP.
 * </p>
 */
WriteAcp("WRITE_ACP", "x-amz-grant-write-acp");

private String permissionString;
private String headerName;

private Permission(String permissionString, String headerName) {
    this.permissionString = permissionString;
    this.headerName = headerName;
}

/**
 * Returns the name of the header used to grant this permission.
 */
public String getHeaderName() {
    return headerName;
}

/**
 * Gets the string representation of this permission object as defined by
 * Amazon S3, eg. <code>FULL_CONTROL</code>.
 *
 * @return The string representation of this permission object as defined by
 *         Amazon S3, eg. <code>FULL_CONTROL</code>.
 */
public String toString() {
    return permissionString;
```

```java
    }

    /**
     * Returns the {@link Permission} enumeration value representing the specified Amazon
     * S3 Region ID string. If specified string doesn't map to a known Amazon S3
     * Region, returns <code>null</code>.
     *
     * @param str
     *          A string representation of an Amazon S3 permission, eg.
     *          <code>FULL_CONTROL</code>
     *
     * @return The {@link Permission} object represented by the given permission string,
     *          Returns <code>null</code> if the string isn't a valid representation
     *          of an Amazon S3
     *          permission.
     */
    public static Permission parsePermission(String str) {
        for (Permission permission : Permission.values()) {
            if (permission.permissionString.equals(str)) {
                return permission;
            }
        }

        return null;
    }

}
/*
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 *
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 WARRANTIES OR
 * CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
 permissions
 * and limitations under the License.
 */
package com.amazonaws.services.elastictranscoder.model;

import java.io.Serializable;
import javax.annotation.Generated;
import com.amazonaws.protocol.StructuredPojo;
import com.amazonaws.protocol.ProtocolMarshaller;
```

```java
/**
 * <p>
 * The <code>Permission</code> structure.
 * </p>
 */
@Generated("com.amazonaws:aws-java-sdk-code-generator")
public class Permission implements Serializable, Cloneable, StructuredPojo {

    /**
     * <p>
     * The type of value that appears in the Grantee object:
     * </p>
     * <ul>
     * <li>
     * <p>
     * <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an
     * Amazon CloudFront distribution.
     * </p>
     * <important>
     * <p>
     * A canonical user ID is not the same as an AWS account number.
     * </p>
     * </important></li>
     * <li>
     * <p>
     * <code>Email</code>: The registered email address of an AWS account.
     * </p>
     * </li>
     * <li>
     * <p>
     * <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
     * <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
     * </p>
     * </li>
     * </ul>
     */
    private String granteeType;
    /**
     * <p>
     * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or
     * group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront
     * distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
     * </p>
     */
    private String grantee;
    /**
     * <p>
```

* The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
 * </p>
 *
 *
 * <p>
 * <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder adds
 * to the Amazon S3 bucket.
 * </p>
 *
 *
 * <p>
 * <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds
to the
 * Amazon S3 bucket.
 * </p>
 *
 *
 * <p>
 * <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
the
 * Amazon S3 bucket.
 * </p>
 *
 *
 * <p>
 * <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for
the thumbnails that
 * Elastic Transcoder adds to the Amazon S3 bucket.
 * </p>
 *
 *
 */
  private com.amazonaws.internal.SdkInternalList<String> access;

 /**
  * <p>
  * The type of value that appears in the Grantee object:
  * </p>
  *
  *
  * <p>
  * <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an
  * Amazon CloudFront distribution.
  * </p>
  * <important>
  * <p>
  * A canonical user ID is not the same as an AWS account number.

```
* </p>
* </important></li>
* <li>
* <p>
* <code>Email</code>: The registered email address of an AWS account.
* </p>
* </li>
* <li>
* <p>
* <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
* <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
* </p>
* </li>
* </ul>
*
* @param granteeType
*       The type of value that appears in the Grantee object:</p>
*       <ul>
*       <li>
*       <p>
*       <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for
*       an Amazon CloudFront distribution.
*       </p>
*       <important>
*       <p>
*       A canonical user ID is not the same as an AWS account number.
*       </p>
*       </important></li>
*       <li>
*       <p>
*       <code>Email</code>: The registered email address of an AWS account.
*       </p>
*       </li>
*       <li>
*       <p>
*       <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
*       <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
*       </p>
*       </li>
*/

public void setGranteeType(String granteeType) {
    this.granteeType = granteeType;
}

/**
* <p>
* The type of value that appears in the Grantee object:
```

```
* </p>
* <ul>
* <li>
* <p>
* <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an
* Amazon CloudFront distribution.
* </p>
* <important>
* <p>
* A canonical user ID is not the same as an AWS account number.
* </p>
* </important></li>
* <li>
* <p>
* <code>Email</code>: The registered email address of an AWS account.
* </p>
* </li>
* <li>
* <p>
* <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
* <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
* </p>
* </li>
* </ul>
*
* @return The type of value that appears in the Grantee object:</p>
*        <ul>
*        <li>
*        <p>
*        <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for
*        an Amazon CloudFront distribution.
*        </p>
*        <important>
*        <p>
*        A canonical user ID is not the same as an AWS account number.
*        </p>
*        </important></li>
*        <li>
*        <p>
*        <code>Email</code>: The registered email address of an AWS account.
*        </p>
*        </li>
*        <li>
*        <p>
*        <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
*        <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
*        </p>
*        </li>
```

```java
 */

public String getGranteeType() {
    return this.granteeType;
}

/**
 * <p>
 * The type of value that appears in the Grantee object:
 * </p>
 * <ul>
 * <li>
 * <p>
 * <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for an
 * Amazon CloudFront distribution.
 * </p>
 * <important>
 * <p>
 * A canonical user ID is not the same as an AWS account number.
 * </p>
 * </important></li>
 * <li>
 * <p>
 * <code>Email</code>: The registered email address of an AWS account.
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
 * <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
 * </p>
 * </li>
 * </ul>
 *
 * @param granteeType
 *        The type of value that appears in the Grantee object:</p>
 *        <ul>
 *        <li>
 *        <p>
 *        <code>Canonical</code>: Either the canonical user ID for an AWS account or an origin access identity for
 *        an Amazon CloudFront distribution.
 *        </p>
 *        <important>
 *        <p>
 *        A canonical user ID is not the same as an AWS account number.
 *        </p>
 *        </important></li>
 *        <li>
```

```
 *       <p>
 *       <code>Email</code>: The registered email address of an AWS account.
 *       </p>
 *       </li>
 *       <li>
 *       <p>
 *       <code>Group</code>: One of the following predefined Amazon S3 groups: <code>AllUsers</code>,
 *       <code>AuthenticatedUsers</code>, or <code>LogDelivery</code>.
 *       </p>
 *       </li>
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Permission withGranteeType(String granteeType) {
    setGranteeType(granteeType);
    return this;
}

/**
 * <p>
 * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or
 * group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront
 * distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
 * </p>
 *
 * @param grantee
 *        The AWS user or group that you want to have access to transcoded files and playlists. To identify the user
 *        or group, you can specify the canonical user ID for an AWS account, an origin access identity for a
 *        CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3
group.
 */

public void setGrantee(String grantee) {
    this.grantee = grantee;
}

/**
 * <p>
 * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or
 * group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront
 * distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
 * </p>
 *
 * @return The AWS user or group that you want to have access to transcoded files and playlists. To identify the
 *         user or group, you can specify the canonical user ID for an AWS account, an origin access identity for a
 *         CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3
group.
 */
```

```java
    public String getGrantee() {
        return this.grantee;
    }

    /**
     * <p>
     * The AWS user or group that you want to have access to transcoded files and playlists. To identify the user or
     * group, you can specify the canonical user ID for an AWS account, an origin access identity for a CloudFront
     * distribution, the registered email address of an AWS account, or a predefined Amazon S3 group.
     * </p>
     *
     * @param grantee
     *        The AWS user or group that you want to have access to transcoded files and playlists. To identify the user
     *        or group, you can specify the canonical user ID for an AWS account, an origin access identity for a
     *        CloudFront distribution, the registered email address of an AWS account, or a predefined Amazon S3
group.
     * @return Returns a reference to this object so that method calls can be chained together.
     */

    public Permission withGrantee(String grantee) {
        setGrantee(grantee);
        return this;
    }

    /**
     * <p>
     * The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
     * </p>
     * <ul>
     * <li>
     * <p>
     * <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder adds
     * to the Amazon S3 bucket.
     * </p>
     * </li>
     * <li>
     * <p>
     * <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds
to the
     * Amazon S3 bucket.
     * </p>
     * </li>
     * <li>
     * <p>
     * <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
the
```

```
 * Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for
the thumbnails that
 * Elastic Transcoder adds to the Amazon S3 bucket.
 * </p>
 * </li>
 * </ul>
 *
 * @return The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
 *         </p>
 *         <ul>
 *         <li>
 *         <p>
 *         <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
 *         Transcoder adds to the Amazon S3 bucket.
 *         </p>
 *         </li>
 *         <li>
 *         <p>
 *         <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder
adds to
 *         the Amazon S3 bucket.
 *         </p>
 *         </li>
 *         <li>
 *         <p>
 *         <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder
adds to
 *         the Amazon S3 bucket.
 *         </p>
 *         </li>
 *         <li>
 *         <p>
 *         <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions
for the thumbnails
 *         that Elastic Transcoder adds to the Amazon S3 bucket.
 *         </p>
 *         </li>
 */

  public java.util.List<String> getAccess() {
    if (access == null) {
      access = new com.amazonaws.internal.SdkInternalList<String>();
    }
```

```
    return access;
  }

  /**
   * <p>
   * The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
   * </p>
   * <ul>
   * <li>
   * <p>
   * <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder adds
   * to the Amazon S3 bucket.
   * </p>
   * </li>
   * <li>
   * <p>
   * <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds
to the
   * Amazon S3 bucket.
   * </p>
   * </li>
   * <li>
   * <p>
   * <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
the
   * Amazon S3 bucket.
   * </p>
   * </li>
   * <li>
   * <p>
   * <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for
the thumbnails that
   * Elastic Transcoder adds to the Amazon S3 bucket.
   * </p>
   * </li>
   * </ul>
   *
   * @param access
   *        The permission that you want to give to the AWS user that is listed in Grantee. Valid values include: </p>
   *        <ul>
   *        <li>
   *        <p>
   *        <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder
   *        adds to the Amazon S3 bucket.
   *        </p>
   *        </li>
```

```
 *       <li>
 *       <p>
 *       <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder
adds to
 *       the Amazon S3 bucket.
 *       </p>
 *       </li>
 *       <li>
 *       <p>
 *       <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder
adds to
 *       the Amazon S3 bucket.
 *       </p>
 *       </li>
 *       <li>
 *       <p>
 *       <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions
for the thumbnails
 *       that Elastic Transcoder adds to the Amazon S3 bucket.
 *       </p>
 *       </li>
 */

  public void setAccess(java.util.Collection<String> access) {
    if (access == null) {
      this.access = null;
      return;
    }

    this.access = new com.amazonaws.internal.SdkInternalList<String>(access);
  }

 /**
  * <p>
  * The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
  * </p>
  * <ul>
  * <li>
  * <p>
  * <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder adds
  * to the Amazon S3 bucket.
  * </p>
  * </li>
  * <li>
  * <p>
  * <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds
to the
```

* Amazon S3 bucket.
 * </p>
 *
 *
 * <p>
 * <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to the
 * Amazon S3 bucket.
 * </p>
 *
 *
 * <p>
 * <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for the thumbnails that
 * Elastic Transcoder adds to the Amazon S3 bucket.
 * </p>
 *
 *
 * <p>
 * NOTE: This method appends the values to the existing list (if any). Use
 * {@link #setAccess(java.util.Collection)} or {@link #withAccess(java.util.Collection)} if you want to override the
 * existing values.
 * </p>
 *
 * @param access
 *   The permission that you want to give to the AWS user that is listed in Grantee. Valid values include: </p>
 *
 *
 *   <p>
 *   <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic Transcoder
 *   adds to the Amazon S3 bucket.
 *   </p>
 *
 *
 *   <p>
 *   <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds to
 *   the Amazon S3 bucket.
 *   </p>
 *
 *
 *   <p>
 *   <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
 *   the Amazon S3 bucket.
 *   </p>

```
*          </li>
*          <li>
*          <p>
*          <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions
for the thumbnails
*          that Elastic Transcoder adds to the Amazon S3 bucket.
*          </p>
*          </li>
* @return Returns a reference to this object so that method calls can be chained together.
*/

public Permission withAccess(String... access) {
    if (this.access == null) {
        setAccess(new com.amazonaws.internal.SdkInternalList<String>(access.length));
    }
    for (String ele : access) {
        this.access.add(ele);
    }
    return this;
}

/**
 * <p>
 * The permission that you want to give to the AWS user that is listed in Grantee. Valid values include:
 * </p>
 * <ul>
 * <li>
 * <p>
 * <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder adds
 * to the Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder adds
to the
 * Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
 * <p>
 * <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder adds to
the
 * Amazon S3 bucket.
 * </p>
 * </li>
 * <li>
```

* <p>
 * <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions for
the thumbnails that
 * Elastic Transcoder adds to the Amazon S3 bucket.
 * </p>
 *
 *
 *
 * @param access
 *   The permission that you want to give to the AWS user that is listed in Grantee. Valid values include: </p>
 *
 *
 *   <p>
 *   <code>READ</code>: The grantee can read the thumbnails and metadata for thumbnails that Elastic
Transcoder
 *   adds to the Amazon S3 bucket.
 *   </p>
 *
 *
 *   <p>
 *   <code>READ_ACP</code>: The grantee can read the object ACL for thumbnails that Elastic Transcoder
adds to
 *   the Amazon S3 bucket.
 *   </p>
 *
 *
 *   <p>
 *   <code>WRITE_ACP</code>: The grantee can write the ACL for the thumbnails that Elastic Transcoder
adds to
 *   the Amazon S3 bucket.
 *   </p>
 *
 *
 *   <p>
 *   <code>FULL_CONTROL</code>: The grantee has READ, READ_ACP, and WRITE_ACP permissions
for the thumbnails
 *   that Elastic Transcoder adds to the Amazon S3 bucket.
 *   </p>
 *
 * @return Returns a reference to this object so that method calls can be chained together.
 */

public Permission withAccess(java.util.Collection<String> access) {
    setAccess(access);
    return this;
}

/**

```
 * Returns a string representation of this object; useful for testing and debugging.
 *
 * @return A string representation of this object.
 *
 * @see java.lang.Object#toString()
 */
@Override
public String toString() {
   StringBuilder sb = new StringBuilder();
   sb.append("{");
   if (getGranteeType() != null)
      sb.append("GranteeType: ").append(getGranteeType()).append(",");
   if (getGrantee() != null)
      sb.append("Grantee: ").append(getGrantee()).append(",");
   if (getAccess() != null)
      sb.append("Access: ").append(getAccess());
   sb.append("}");
   return sb.toString();
}

@Override
public boolean equals(Object obj) {
   if (this == obj)
      return true;
   if (obj == null)
      return false;

   if (obj instanceof Permission == false)
      return false;
   Permission other = (Permission) obj;
   if (other.getGranteeType() == null ^ this.getGranteeType() == null)
      return false;
   if (other.getGranteeType() != null && other.getGranteeType().equals(this.getGranteeType()) == false)
      return false;
   if (other.getGrantee() == null ^ this.getGrantee() == null)
      return false;
   if (other.getGrantee() != null && other.getGrantee().equals(this.getGrantee()) == false)
      return false;
   if (other.getAccess() == null ^ this.getAccess() == null)
      return false;
   if (other.getAccess() != null && other.getAccess().equals(this.getAccess()) == false)
      return false;
   return true;
}

@Override
public int hashCode() {
   final int prime = 31;
```

```
    int hashCode = 1;

    hashCode = prime * hashCode + ((getGranteeType() == null) ? 0 : getGranteeType().hashCode());
    hashCode = prime * hashCode + ((getGrantee() == null) ? 0 : getGrantee().hashCode());
    hashCode = prime * hashCode + ((getAccess() == null) ? 0 : getAccess().hashCode());
    return hashCode;
}

  @Override
  public Permission clone() {
    try {
      return (Permission) super.clone();
    } catch (CloneNotSupportedException e) {
      throw new IllegalStateException("Got a CloneNotSupportedException from Object.clone() " + "even though
we're Cloneable!", e);
    }
  }

  @com.amazonaws.annotation.SdkInternalApi
  @Override
  public void marshall(ProtocolMarshaller protocolMarshaller) {
    com.amazonaws.services.elastictranscoder.model.transform.PermissionMarshaller.getInstance().marshall(this,
protocolMarshaller);
  }
}
```

1.3 cassandra-driver-core 3.5.0

1.4 guava 23.6-jre

1.5 httpcore 4.4.11
1.5.1 Available under license :

Apache HttpCore
Copyright 2005-2019 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

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1.6 jackson-databind 2.9.8
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1.13 mockito-all 1.9.5

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