### ST\_DocProtect (Document Protection Types)

This simple [type](type.docx) specifies the possible set of editing restrictions which may be enforced on a given WordprocessingML document.

[Example: Consider a WordprocessingML document that contains the following WordprocessingML specifying that hosting applications shall enforce read-only protection for a given document:

<w:[documentProtection](documentProtection.docx) w:edit="readOnly" w:enforcement="1" />

The edit attribute has a value of readOnly and an enforcement attribute with a value of 1, specifying that read-only document protection shall be enforced on the given document. end example]

This simple type's contents are a restriction of the [XML](XML.docx) Schema string datatype.

The following are possible enumeration values for this type:

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| --- | --- |
| Enumeration Value | Description |
| [comments](comments.docx) (Allow Editing of Comments) | Specifies that the edits made to this document shall be restricted to:   * The insertion and deletion of [comments](comments.docx) within the document * The editing of regions delimited by range permissions which match the editing rights of the user account which is performing the editing. |
| forms (Allow Editing of Form Fields) | Specifies that the edits made to this document shall be restricted to:   * The editing of form fields in sections where the [formProt](formProt.docx) element (§) has a value of true. * No restrictions in sections where the [formProt](formProt.docx) element has a value of false. |
| none (No Editing Restrictions) | Specifies that no editing restrictions have been applied to the document. |
| readOnly (Allow No Editing) | Specifies that the edits made to this document shall be restricted to:   * The editing of regions delimited by range permissions which match the editing rights of the user account which is performing the editing. |
| trackedChanges (Allow Editing With Revision Tracking) | Specifies that the edits made to this document shall be tracked as revisions. This value shall imply the presence of the [trackRevisions](trackRevisions.docx) element (§), and applications shall not allow that element's state to be changed to false. |

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| Referenced By |
| documentProtection@edit (§) |

The following [XML](XML.docx) Schema fragment defines the contents of this simple type:

<simpleType [name](name.docx)="ST\_DocProtect">

<restriction base="xsd:string">

<enumeration value="none"/>

<enumeration value="readOnly"/>

<enumeration value="[comments](comments.docx)"/>

<enumeration value="trackedChanges"/>

<enumeration value="forms"/>

</restriction>

</simpleType>