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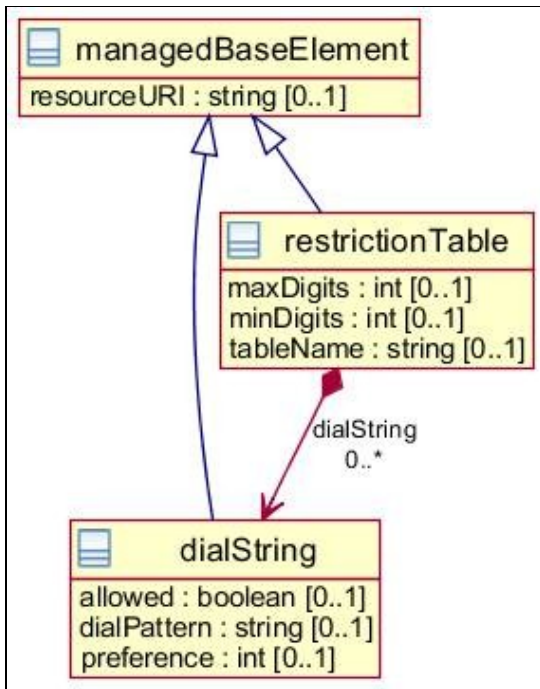
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Restriction Tables

Classes

Figure 11: Restriction Table

**RestrictionTable**

| | | | |
|----------------------|---|-----------------------------------|---|
| Class Name | RestrictionTable | | |
| Extends From | ManagedBaseElement | | |
| Description | Class for defining rules for checking if outgoing calls to a given phone number are allowed or not. | | |
| XML Namespace | http://restriction.model.rest.aesop.cisco.com | | |
| Field Name | Type | Constraints | Comments |
| tableName | String | Length 2-32 | Name of the restriction table. |
| maxDigits | Integer | Range 1-30 Default 30 | Maximum number of digits allowed in the outgoing phone number. |
| minDigits | String | Range 1-30 Default 1 | Minimum number of digits required in the outgoing phone number. |
| dialString | DialString (collection) | Maximum 10 dial strings supported | Collection of dial string patterns determining if the outgoing call is allowed or restricted. |

DialString

| | | | |
|----------------------|--|---|--|
| Class Name | Prompt | | |
| Extends From | ManagedBaseElement | | |
| Description | Represents the pattern oh phone numbers allowed or disallowed. | | |
| XML Namespace | http://restriction.model.rest.aesop.cisco.com | | |
| Field Name | Type | Constraints | Comments |
| dialPattern | String | Valid characters are digits 0 to 9, asterisk (*), or dot (.). | Call pattern to be matched. The table accepts duplicate call patterns. |
| preference | Integer | | Order of this string in the restriction table. The system searches the strings in order of preference. |
| allowed | Boolean | | If True, permits phone numbers with this pattern. |

Resources

| Resource URI | Operation | Input | Return Value |
|--|--|---|---|
| /restrictions | GET (Read all restriction tables) | | BaseElementList Containing list of RestrictionTable objects. |
| | POST (create a restriction table) | RestrictionTable (including DialString list) | |
| /restrictions/{tablename} | GET (read a restriction table) | | RestrictionTable (includes list of DialString) |
| | PUT (update a restriction table) | RestrictionTable (including DialString list) | |
| | DELETE (delete a restriction table) | | |
| /restrictionTables/{tablename}/dialStrings | GET (Get list of DialString patterns defined in the restriction table) | | BaseElementList containing list of DialString objects |

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| | | | |
|---|--|------------|------------|
| | POST (Add a dial string pattern to restriction table) | DialString | |
| /restrictionTables/{tablename}/dialStrings/{preference} | GET (Read dial string pattern by preference) | | DialString |
| | PUT (Change the dial string pattern at a particular preference in the restriction table) | DialString | |
| | DELETE (Delete dial string by preference) | | |