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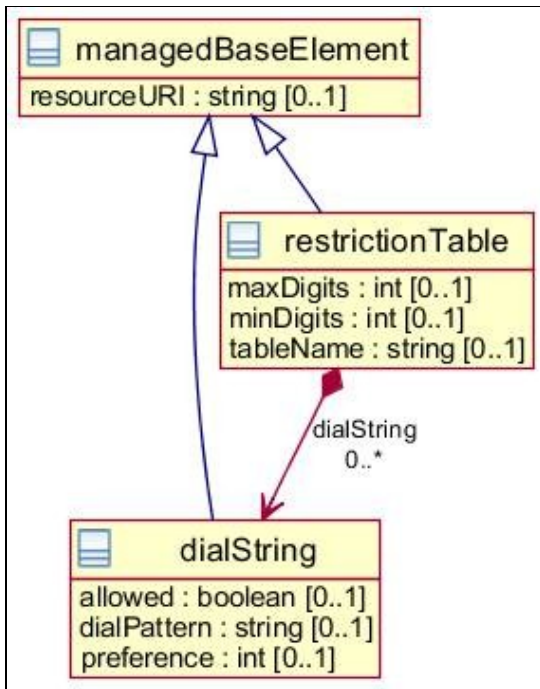
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## Restriction Tables

Classes

**Figure 11: Restriction Table**

**RestrictionTable**

<b>Class Name</b>	RestrictionTable		
<b>Extends From</b>	ManagedBaseElement		
<b>Description</b>	Class for defining rules for checking if outgoing calls to a given phone number are allowed or not.		
<b>XML Namespace</b>	http://restriction.model.rest.aesop.cisco.com		
<b>Field Name</b>	<b>Type</b>	<b>Constraints</b>	<b>Comments</b>
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**

<b>Class Name</b>	Prompt		
<b>Extends From</b>	ManagedBaseElement		
<b>Description</b>	Represents the pattern oh phone numbers allowed or disallowed.		
<b>XML Namespace</b>	http://restriction.model.rest.aesop.cisco.com		
<b>Field Name</b>	<b>Type</b>	<b>Constraints</b>	<b>Comments</b>
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)		