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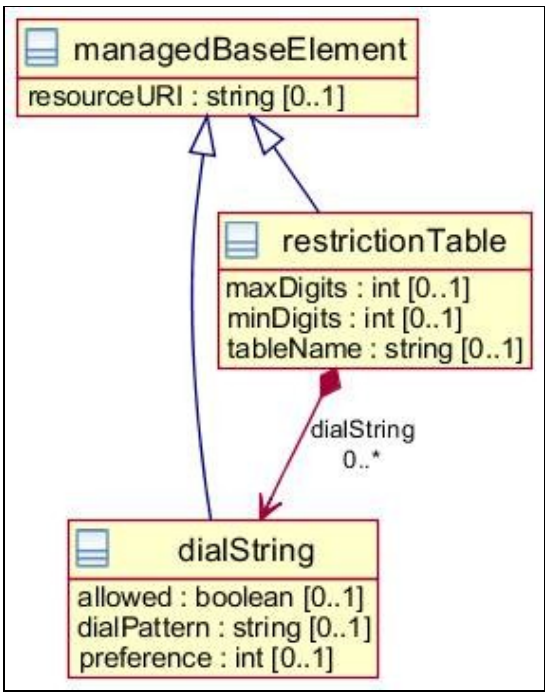
Restriction Tables

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 otugoing 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

	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)		