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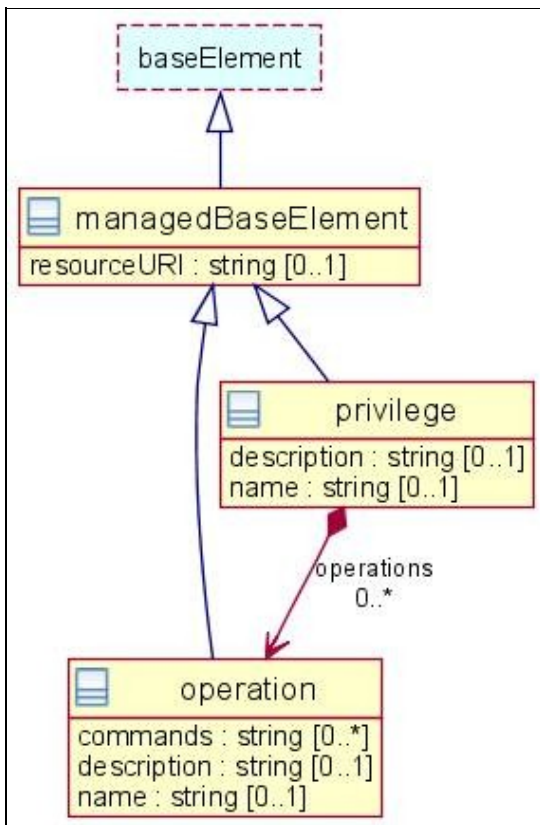
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Operations and Privileges

Classes

Figure 7: Privilege and Operation



Privilege

Class Name	Privilege		
Extends From	ManagedBaseElement		
Description	Represent privileges which could be assigned to groups.		
XML Namespace	http://privilege.model.rest.aesop.cisco.com		
Field Name	Type	Constraints	Comments
name	String	Required for create Length 0 - 31	Label used to identify and configure privilege.
description	String	Length 0-59	Description for the privilege.
operations	Operation (collection)	minOccurs="0" maxOccurs="unbounded"	Collection of operations associated with the privilege.

Operation

Class Name	Operation		
Extends From	ManagedBaseElement		
Description	Represent operations which could be assigned to a Privilege.		
XML Namespace	http://privilege.model.rest.aesop.cisco.com		
Field Name	Type	Constraints	Comments
name	String	Length 0 -15	Label used to identify the privilege.
description	String	Length 0-59	Description for the privilege.

Resources

Resource URI	Operation	Input	Return Value
/privileges	GET (read all privileges)		BaseElementList containing "Privilege" objects (includes Operations for each Privilege).
	POST (create a privilege)	Privilege (including operations for the privilege)	
/privileges/{privilegeName}	GET (read a privilege)		Privilege (includes Operations for the privilege)
	PUT (update privilege)	Privilege (including operations for the privilege)	
	DELETE (delete privilege)		
/operations	GET (read all Operations)		BaseElementList containing "Operation" objects
/operations/{operationName}	GET (read an Operation)		Operation

Privilege Examples**Create Privilege**

Create a privilege named "privilge.xyz".

- Data for the new privilege is read from local file ./data/create_xyz.xml.
- Notice that operations to be assigned to the privilege can be referenced either by resource URI or operation name.

Cisco_Unity_Express_--_Operations_and_Privileges_REST_PI_Service_Operation

```
$ cat data/create_xyz.xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<privilege>
  <description>Description for test privilege</description>
  <name>privilege.xyz</name>
  <operations>
    <resourceURI>/operations/call.control</resourceURI>
  </operations>
  <operations>
    <name>group.configuration</name>
  </operations>
</privilege>

$ curl -i -X POST -H 'Authorization: Basic Y2lzY286Y2lzY28=' -H 'Content-type:
application/xml' -d @./data/create_xyz.xml
http://172.27.104.144/rest/privileges
HTTP/1.1 201 Created
Server: Apache-Coyote/1.1
Set-Cookie: JSESSIONID=BD5415DC8B97F994A09CC80902262670; Path=/rest
PI-Version: 8.0.0.150
Location: http://172.27.104.144/rest/privileges/privilege.xyz
Content-Type: text/plain
Transfer-Encoding: chunked
Date: Mon, 07 Dec 2009 08:03:16 GMT

Created - /privileges/privilege.xyz
```