

知 Typical configuration of proprietary properties delivered by iMC EIA

Network Management(H3C Intelligent Management Center)

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Network Topology

When EIA and third-party vendor equipment cooperate to perform authentication, in some special scenarios, EIA needs to deliver proprietary attributes supported by vendor equipment.

Configuration Steps

Example: A site uses a Cisco device to cooperate with EIA. It needs to issue a Class attribute in the authentication success message to Cisco device. After checking, this attribute is proprietary. It must use the EIA proprietary attributes distribution function to complete the requirement. The specific configuration is as follows:

1. Add proprietary attributes, fill in attribute name, attribute ID, attribute type, maximum length and description. The attribute ID, attribute type and maximum length must be filled in according to the attribute information provided by the manufacturer. The attribute name and description can be filled in by themselves.

ID	Name	Type	Description	Modify	Delete
1	Cisco-AVPair	String Type(Length ≤ 247 bytes)	Cisco-AVPair		
2	Cisco-NAS-Port	String Type(Length ≤ 247 bytes)	Cisco-NAS-Port		
3	h3c3-ramnta-address	String Type(Length ≤ 247 bytes)	h3c3-ramnta-address		

Add Proprietary Attribute

Name * ?

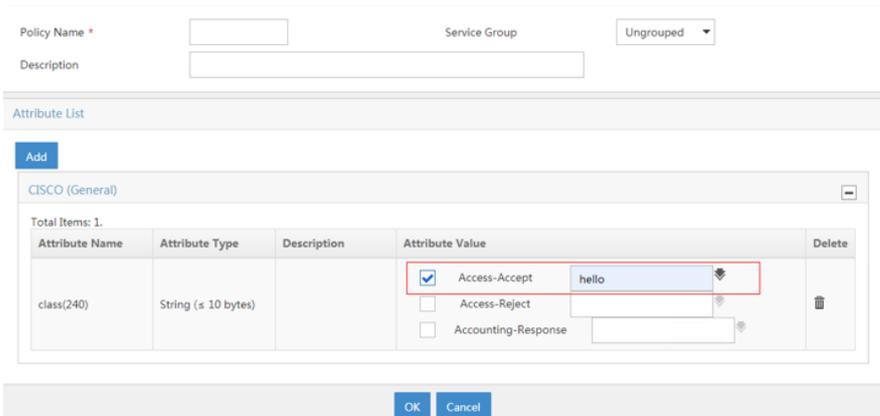
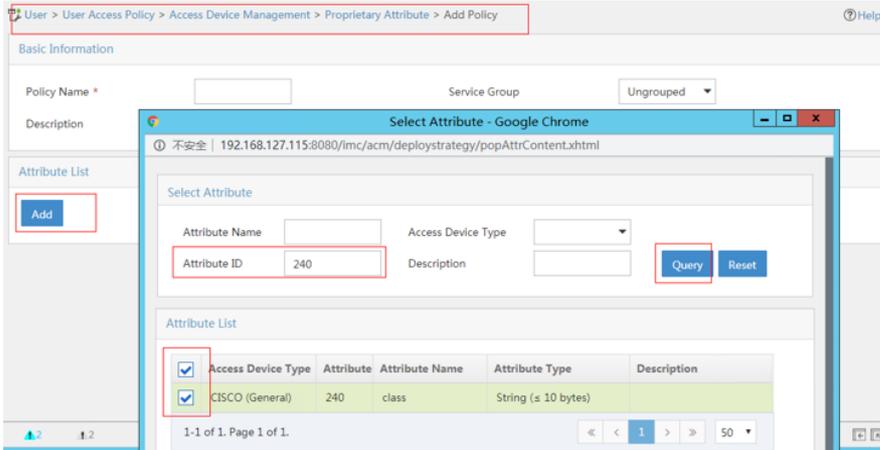
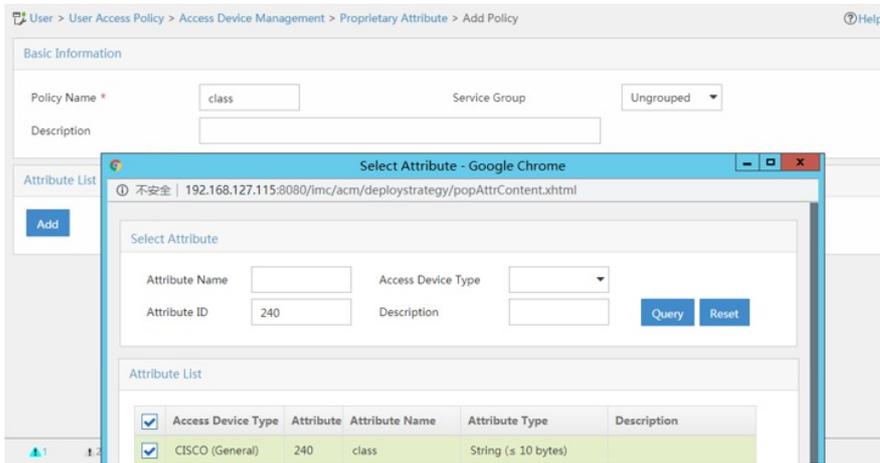
ID * ?

Type

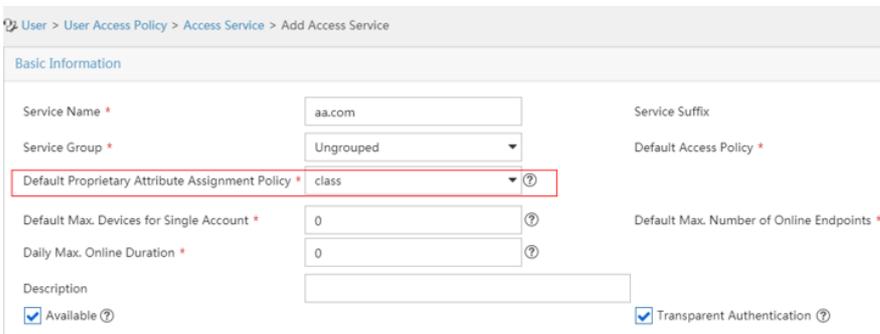
Max. Length ?

Description

2. Add a proprietary attributes policy, which cite the proprietary attribute 'class' created above, and choose to deliver it through "Authentication Successful Packet" to carry specific attribute values in the packet.



3. Create an access service, call the created proprietary attributes policy, and then apply for the service with the access account.



4. Add an access device and select the access device type as Cisco (General).

User > User Access Policy > Access Device Management > Access Device > Add Access Device

Access Configuration

Authentication Port *	<input type="text" value="1812"/>	Accounting Port *	<input type="text" value="1813"/>
Service Type	<input type="text" value="Unlimited"/>	Forcible Logout Type	<input type="text" value="Disconnect user"/>
Access Device Type	<input type="text" value="CISCO (General)"/>	Service Group	<input type="text" value="Ungrouped"/>
Shared Key *	<input type="text"/>	Confirm Shared Key *	<input type="text"/>
Access Location Group	<input type="text" value="--"/>		

Device List

Select Add Manually Clear All

Device Name	Device IP	Device Model	Comments	Delete
No match found.				

Key Configuration

1. Before creating a proprietary attribute policy, you must obtain detailed Radius attribute descriptions of third-party devices from the equipment manufacturers.
2. The access device type must be the same as the device type which has been added proprietary attributes.