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Network Topology

When EIA and third-party vendor equipment cooperate to perform authentication, in some special sce narios, 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 a uthentication success message to Cisco device. After checking, this attribute is proprietary. It must us e 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 de scription The attribute ID, attribute type and maximum length must be filled in according to the attribut e information provided by the manufacturer. The attribute name and description can be filled in by the mselves.

ic Information					
Vendor Name	Cisco				
Short Name	CISCO				
Vendor ID	9				
Device Type	General				
Description	CISCO				
Add	ute List				
Add	Name	Type	Description	Modify	Delet
Add	Name Cisco-AVPair	Type String Type(Length < 247 bytes)	Description Cisco-AVPair	Modify	Delete
Add	Name Cisco-AVPair Cisco-NAS-Port	Type String Type(Length ≤ 247 bytes) String Type(Length ≤ 247 bytes)	Description Cisco-AVPair Cisco-NAS-Port	Modify P	Deleta
Add	Name Cisco-AVPair Cisco-NAS-Port h323:remote-artiress	Type String Type(Length ≤ 247 bytes) String Type(Length ≤ 247 bytes) String Type(Length ≤ 247 bytes)	Description Cisco-AVPair Cisco-NAS-Port h323-remote-address	Modify B B B	Deleta
Add	Name Cisco-AVPair Cisco-NAS-Port h323-remote-address	Type String Type(Length ≤ 247 bytes) String Type(Length ≤ 247 bytes) String Type(Length ≤ 247 bytes)	Description Cisco-AVPair Cisco-NAS-Port h373-remote-artriress	Modify	Delet 首 首

uu Proprietai	y Attribute	
Name *	class	0
ID *	240	0
Туре	String Type	•
Max. Length	10	0
Description		

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

Policy Name * Description	class		S	ervice Group	Ungrouped 🔻	
			Select Attribute	- Google Chrome		x
ttribute List	不安全 192.168.127.115	:8080/imc/acm	/deploystrategy/p	opAttrContent.xhtml		
Add						
S	elect Attribute					
	Attribute Name		Access Device 1	Гуре	•	
	Attribute ID 24)	Description		Query Reset	
_						
A	ttribute List					
	Access Device Type	Attribute A	ttribute Name	Attribute Type	Description	
1 4.2	CISCO (General)	240 0	lass	String (≤ 10 bytes)		
						-
ser > User Access Po	licy > Access Device Manag	jement > Propri	etary Attribute > Ad	d Policy		?
ic Information						
olicy Name *			Se	ervice Group	Ungrouped 💌	
escription	0 0 Tete 10216912	7 115-9090/im	Select Attril	bute - Google Chrome		×
ribute List	◎ 小安王 192.100.14	27.115:0000/im	c/acm/depioystrate	egy/popAttrContent.xnt	11	
	Select Attribute					
Add	Attribute Name		Access De	vice Type	•	
	Attribute ID	240	Descriptio	n	Query Reset	
	Attribute List					
	Decese Device	a Turna Attribu	ute Attribute Name	Attribute Tures	Description	
	CISCO (Gene	ral) 240	class	String (≤ 10 bytes)	Description	
	1-1 of 1 Page 1 of	1				
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			Se	rvice Group	Ungrouped 🔻	
icy Name *						
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licy Name * scription ibute List						
licy Name * scription ibute List dd						
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licy Name * scription libute List dd CISCO (General) fotal Items: 1.						-
licy Name * scription libute List dd JISCO (General) fotal Items: 1. Attribute Name	Attribute Type	Description	Attribute 1	Value		Delete
licy Name * scription ibute List dd ISCO (General) Fotal Items: 1. Attribute Name	Attribute Type	Description	Attribute 1	Value Access-Accept	tio	- Delete
licy Name * scription ibute List dd (ISCO (General) fotal Items: 1. Attribute Name class(240)	Attribute Type String (s 10 bytes)	Description	Attribute	Value Access-Accept h Access-Reject Corountion_Benonse	No 👻	The second secon

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

ę	User > User Access Policy > Access Service > Add	Access Service		
	Basic Information			
	Service Name *	aa.com		Service Suffix
	Service Group *	Ungrouped •	•	Default Access Policy *
	Default Proprietary Attribute Assignment Policy *	class 👻	?	
	Default Max. Devices for Single Account *	0	?	Default Max. Number of Online Endpoints *
	Daily Max. Online Duration *	0	?	
	Description			
	✓ Available ⑦			✓ Transparent Authentication ⑦

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

ess Configuration						
Authentication Port *	1812		Accounting Port	*	1813	
Service Type	Unlimited	•	Forcible Logout Type		Disconnect user	
Access Device Type	CISCO (General)	•	Service Group		Ungrouped	
Shared Key *			Confirm Shared	Key *		
Access Location Group		•				
ice List	Class All					
elect Add Manually	Davice IP	Device Mod		omments		Delete

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 att ributes.