

فرعم ةمس ىل اادانتسا ليوختلا جهن نيوكت vlan ىلع ISE

تاىوتحمل

[ةمدقملا](#)

[مادختسالا ةلاح](#)

[نيوكتلا تاوطخ](#)

[NAD بناجو](#)

[ISE بناجو](#)

[رابتخا](#)

[NAD بناجو](#)

[ISE بناجو](#)

ةمدقملا

VLAN فرعم ةمس ىل اادانتسا ISE ليوخت ةسايس نيوكتلا تاوطخلا ةلاقملا هذه فرصت IBNS 2.0 عم ال ةزيملا هذه رفوتت ال .NAD نم اهل اسرامت يتلا

مادختسالا ةلاح

ري فوتل اقح ال هم ادختساو لوصولا ةهجاو ىلع هنيوكت مت يذلا VLAN فرعم علم عالمعال دي ري ISE ىلع لوصولا

نيوكتلا تاوطخ

NAD بناجو

لوصولا بلط ي في VLAN RADIUS تامس لاسرامل لوحملا نيوكتب مق 1.

```
Device# configure terminal Device(config)# access-session attributes filter-list list TEST
Device(config-com-filter-list)# vlan-id Device(config-com-filter-list)# exit Device(config)#
access-session accounting attributes filter-spec include list TEST Device(config)# access-
session authentication attributes filter-spec include list TEST Device(config)# end
ملاحظة: Access-session Accounting Attributes Filter-Spec
include list Test" لوجرتلا لوبقل IBNS 2.
```

```
Switch(config)#access-session accounting attributes filter-spec include list TEST This operation
will permanently convert all relevant authentication commands to their CPL control-policy
equivalents. As this conversion is irreversible and will disable the conversion CLI
'authentication display [legacy|new-style]', you are strongly advised to back up your current
configuration before proceeding. Do you wish to continue? [yes]:
```

[رطقلا فرصن تامس نيوكت ليلد](#): ليصافتلا نم ديزم ىلع لوصولل يلاتلا ليلدل عجار
[vlan-id](#)

بناج ISE

1. كنتاج ايتح إلی ادا نسا ةق داصم ةسايس عاشن إ.

2. قي قدل ةلمچ لآ انب ةقباطم نم دكأتو، يلات لآ طرشلآ عون لي وخت لآ جهن نم مضت يس.

Radius-Tunnel-Private-Group-ID EQUALS (tag=1)

لآثم:

J VLAN-ID = 77

Authorization Policy (21)

Status	Rule Name	Conditions	Profiles
✓	Vlan-Id test	Radius-Tunnel-Private-Group-ID EQUALS (tag=1) 77	PermitAccess

رابتخا

بناج NAD

```
Switch#sh run interface Tw1/0/3 Building configuration... Current configuration : 336 bytes !  
interface TwoGigabitEthernet1/0/3 switchport access vlan 77 switchport mode access device-  
tracking attach-policy DT_POLICY access-session host-mode multi-host access-session closed  
access-session port-control auto mab dot1x pae authenticator spanning-tree portfast service-  
policy type control subscriber POLICY_Tw1/0/3 end Switch#
```

```
Switch#sh auth sess inter Tw1/0/3 details Interface: TwoGigabitEthernet1/0/3 IIF-ID: 0x1FA6B281  
MAC Address: c85b.768f.51b4 IPv6 Address: Unknown IPv4 Address: 10.4.18.167 User-Name: C8-5B-76-  
8F-51-B4 Status: Authorized Domain: DATA Oper host mode: multi-host Oper control dir: both  
Session timeout: N/A Common Session ID: 33781F0A00000AE958E57C9D Acct Session ID: 0x0000000e  
Handle: 0x43000019 Current Policy: POLICY_Tw1/0/3 Local Policies: Service Template:  
DEFAULT_LINKSEC_POLICY_SHOULD_SECURE (priority 150) Security Policy: Should Secure Server  
Policies: Method status list: Method State mab Authc Success Switch#
```

بناج ISE

Overview

Event	5200 Authentication succeeded
Username	C8:5B:76:8F:51:B4
Endpoint Id	C8:5B:76:8F:51:B4 ⓘ
Endpoint Profile	Unknown
Authentication Policy	Default >> MAB
Authorization Policy	Default >> Vlan-id test
Authorization Result	PermitAccess

Authentication Details

Source Timestamp	2021-11-25 21:06:55.187
Received Timestamp	2021-11-25 21:06:55.187
Policy Server	ise30baaamex
Event	5200 Authentication succeeded
Username	C8:5B:76:8F:51:B4
User Type	Host

Steps

11001 Received RADIUS Access-Request
11017 RADIUS created a new session
11027 Detected Host Lookup UseCase (Service-Type = Call Check (10)) **System Scan**
15049 Evaluating Policy Group
15008 Evaluating Service Selection Policy
15041 Evaluating Identity Policy
15048 Queried PIP - Normalised Radius.RadiusFlowType
15013 Selected Identity Source - Internal Endpoints
24209 Looking up Endpoint in Internal Endpoints IDStore - C8:5B:76:8F:51:B4
24211 Found Endpoint in Internal Endpoints IDStore
22037 Authentication Passed
24715 ISE has not confirmed locally previous successful machine authentication for user in Active Directory
15036 Evaluating Authorization Policy
15048 Queried PIP - Radius.Tunnel-Private-Group-ID
15016 Selected Authorization Profile - PermitAccess
24209 Looking up Endpoint in Internal Endpoints IDStore - C8:5B:76:8F:51:B4
24211 Found Endpoint in Internal Endpoints IDStore
11002 Returned RADIUS Access-Accept

CiscoAVPair

```
cts-pac-opaque=****,  
service-type=Call Check,  
audit-session-id=33781F0A00000AEA58E88DB4,  
method=mab,  
client-iif-id=491113166,  
vlan-id=77
```

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسمل اذ ه Cisco ت مچرت
ملاعلاء ن أ عي مچ ي ف ن ي م دخت سمل ل معد ي و تح م مي دقت ل ة ي رش ب ل و
امك ة ق ي قد ن و ك ت ن ل ة ي ل أ ة مچرت ل ض ف أ ن أ ة ظ حال م ي ج ر ي . ة ص ا خ ل م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ي ل ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (رف و ت م ط بار ل ا) ي ل ص أ ل ا ي ز ي ل ج ن ا ل ا دن تسمل ا