

```
fr-jo-sw01#sh auth ses int g 6/0/7 det
```

```
    Interface: GigabitEthernet6/0/7
      IIF-ID: 0x2353E022
    MAC Address: 00a6.caxx.ae00
  IPv6 Address: fe80::2a6:caff:fe28:ae00
  IPv4 Address: 10.x.x.38
    User-Name: we-accesspoint
      Status: Unauthorized
      Domain: UNKNOWN
  Oper host mode: multi-host
  Oper control dir: both
  Session timeout: N/A
  Common Session ID: 0A2425FA0000140BC321E0AC
  Acct Session ID: Unknown
      Handle: 0xfb000481
  Current Policy: POLICY_Gi6/0/7
```

```
Method status list:
```

Method	State
dot1x	Stopped

## Overview

Event	5206 PAC provisioned
Username	we-accesspoint
Endpoint Id	00:A6:CA:xx:AE:00
Endpoint Profile	Cisco-AP-Aironet-2700
Authentication Policy	Wired 802.1X >> Default
Authorization Policy	Wired 802.1X >> Accesspoint
Authorization Result	

## Authentication Details

Source Timestamp	2018-09-10 12:58:41.594
Received Timestamp	2018-09-10 12:58:41.593
Policy Server	s-our-ise03
Event	5206 PAC provisioned
Username	we-accesspoint
User Type	User
Endpoint Id	00:A6:CA:xx:AE:00
Calling Station Id	00-A6-CA-xx-AE-00
Endpoint Profile	Cisco-AP-Aironet-2700
IPv4 Address	10.x.x.38
IPv6 Address	0xffcfbea870
Authentication Identity Store	Internal Users
Identity Group	User Identity Groups:we-accesspoints,Profiled
Audit Session Id	0A2425FA0000140BC321E0AC
Authentication Method	dot1x
Authentication Protocol	EAP-FAST (EAP-MSCHAPv2)
Service Type	Framed
Network Device	fr-jo
Device Type	All Device Types#IOS Devices
Location	All Locations#fr#Jonage
NAS IPv4 Address	10.x.x.250
NAS Port Id	GigabitEthernet6/0/7
NAS Port Type	Ethernet
Response Time	2 milliseconds

## Other Attributes

ConfigVersionId	19
DestinationPort	1812
Protocol	Radius
NAS-Port	50607
Framed-MTU	1472
State	37CPMSessionID=0A2425FA0000140BC321E0AC;36SessionID=s-our-ise03/325880615/43752;
cisco-nas-port	GigabitEthernet6/0/7
NetworkDeviceProfileId	b0699505-3150-4215-a80e-6753d45bf56c
IsThirdPartyDeviceFlow	false
AccsSessionID	s-our-ise03/325880615/43752
SelectedAuthenticationIdentity Stores	AD-ourdomain
SelectedAuthenticationIdentity Stores	Internal Users
AuthenticationStatus	AuthenticationPassed
IdentityPolicyMatchedRule	Default
AuthorizationPolicyMatchedRule	Accesspoint
IssuedPacInfo	Issued PAC type=Tunnel V1A with expiration time: Sun Dec 9 11:58:41 2018
CPMSessionID	0A2425FA0000140BC321E0AC
EndPointMACAddress	00-A6-CA-xx-AE-00
EapChainingResult	No chaining
ISEPolicySetName	Wired 802.1X
IdentitySelectionMatchedRule	Default
IsMachineIdentity	false
TLSCipher	ADH-AES128-SHA
TLSVersion	TLSv1
DTLSSupport	Unknown
HostIdentityGroup	Endpoint Identity Groups:Profiled
Network Device Profile	Cisco
Location	Location#All Locations#fr#Jo
Device Type	Device Type#All Device Types#IOS Devices
IPSEC	IPSEC#Is IPSEC Device#No
All BUs	All BUs#All BUs#BU1
EnableFlag	Enabled
RADIUS Username	we-accesspoint
NAS-Identifier	fr-jo-sw-rz01
Device IP Address	10.x.x.250

CiscoAVPair

service-type=Framed, audit-session-id=0A2425FA0000140BC321E0AC, method=dot1x, addrv6=0xffcfbea870, vlan-id=0

## Session Events

2018-09-10 12:58:41.593 PAC provisioned

## Steps

- 11001 Received RADIUS Access-Request
- 11017 RADIUS created a new session
- 15049 Evaluating Policy Group
- 15008 Evaluating Service Selection Policy
- 15048 Queried PIP - Normalised Radius.RadiusFlowType
- 15048 Queried PIP - Radius.Called-Station-ID (4 times)
- 11507 Extracted EAP-Response/Identity
- 12500 Prepared EAP-Request proposing EAP-TLS with challenge
- 12625 Valid EAP-Key-Name attribute received
- 11006 Returned RADIUS Access-Challenge
- 11001 Received RADIUS Access-Request
- 11018 RADIUS is re-using an existing session
- 12101 Extracted EAP-Response/NAK requesting to use EAP-FAST instead
- 12100 Prepared EAP-Request proposing EAP-FAST with challenge
- 12625 Valid EAP-Key-Name attribute received
- 11006 Returned RADIUS Access-Challenge
- 11001 Received RADIUS Access-Request
- 11018 RADIUS is re-using an existing session
- 12102 Extracted EAP-Response containing EAP-FAST challenge-response and accepting EAP-FAST as negotiated
- 12800 Extracted first TLS record; TLS handshake started
- 12805 Extracted TLS ClientHello message

12806 Prepared TLS ServerHello message  
12808 Prepared TLS ServerKeyExchange message  
12810 Prepared TLS ServerDone message  
12811 Extracted TLS Certificate message containing client certificate  
12105 Prepared EAP-Request with another EAP-FAST challenge  
11006 Returned RADIUS Access-Challenge  
11001 Received RADIUS Access-Request  
11018 RADIUS is re-using an existing session  
12104 Extracted EAP-Response containing EAP-FAST challenge-response  
12812 Extracted TLS ClientKeyExchange message  
12813 Extracted TLS CertificateVerify message  
12804 Extracted TLS Finished message  
12801 Prepared TLS ChangeCipherSpec message  
12802 Prepared TLS Finished message  
12816 TLS handshake succeeded  
12131 EAP-FAST built anonymous tunnel for purpose of PAC provisioning  
12105 Prepared EAP-Request with another EAP-FAST challenge  
11006 Returned RADIUS Access-Challenge  
11001 Received RADIUS Access-Request  
11018 RADIUS is re-using an existing session  
12104 Extracted EAP-Response containing EAP-FAST challenge-response  
12125 EAP-FAST inner method started  
11521 Prepared EAP-Request/Identity for inner EAP method  
12105 Prepared EAP-Request with another EAP-FAST challenge  
11006 Returned RADIUS Access-Challenge  
11001 Received RADIUS Access-Request  
11018 RADIUS is re-using an existing session  
12104 Extracted EAP-Response containing EAP-FAST challenge-response  
11522 Extracted EAP-Response/Identity for inner EAP method  
11806 Prepared EAP-Request for inner method proposing EAP-MSCHAP with challenge  
12105 Prepared EAP-Request with another EAP-FAST challenge  
11006 Returned RADIUS Access-Challenge

11001 Received RADIUS Access-Request  
11018 RADIUS is re-using an existing session  
12104 Extracted EAP-Response containing EAP-FAST challenge-response  
11808 Extracted EAP-Response containing EAP-MSCHAP challenge-response for inner method and accepting EAP-MSCHAP as negotiated  
15041 Evaluating Identity Policy  
22072 Selected identity source sequence - OUR\_Identity\_Source\_Seq  
15013 Selected Identity Source - AD-ourdomain  
24430 Authenticating user against Active Directory - AD-ourdomain  
24325 Resolving identity - we-accesspoint  
24313 Search for matching accounts at join point - ourdomain.com  
24318 No matching account found in forest - ourroot.com  
24322 Identity resolution detected no matching account  
24352 Identity resolution failed - ERROR\_NO\_SUCH\_USER  
24412 User not found in Active Directory – AD-ourdomain  
15013 Selected Identity Source - Internal Users  
24210 Looking up User in Internal Users IDStore - we-accesspoint  
24212 Found User in Internal Users IDStore  
22037 Authentication Passed  
11824 EAP-MSCHAP authentication attempt passed  
12105 Prepared EAP-Request with another EAP-FAST challenge  
11006 Returned RADIUS Access-Challenge  
11001 Received RADIUS Access-Request  
11018 RADIUS is re-using an existing session  
12104 Extracted EAP-Response containing EAP-FAST challenge-response  
11810 Extracted EAP-Response for inner method containing MSCHAP challenge-response  
11814 Inner EAP-MSCHAP authentication succeeded  
11519 Prepared EAP-Success for inner EAP method  
12128 EAP-FAST inner method finished successfully  
12966 Sent EAP Intermediate Result TLV indicating success  
12105 Prepared EAP-Request with another EAP-FAST challenge  
11006 Returned RADIUS Access-Challenge  
11001 Received RADIUS Access-Request

11018 RADIUS is re-using an existing session

12104 Extracted EAP-Response containing EAP-FAST challenge-response

12126 EAP-FAST cryptobinding verification passed

12200 Approved EAP-FAST client Tunnel PAC request

24715 ISE has not confirmed locally previous successful machine authentication for user in Active Directory

15036 Evaluating Authorization Policy

15048 Queried PIP - Session.EPSStatus

15048 Queried PIP - CERTIFICATE.Issuer - Common Name

15016 Selected Authorization Profile -

22081 Max sessions policy passed

22080 New accounting session created in Session cache

12964 Sent EAP Result TLV indicating success

12169 Successfully finished EAP-FAST tunnel PAC provisioning/update

12105 Prepared EAP-Request with another EAP-FAST challenge

11006 Returned RADIUS Access-Challenge

11001 Received RADIUS Access-Request

11018 RADIUS is re-using an existing session

12104 Extracted EAP-Response containing EAP-FAST challenge-response

11401 Prepared RADIUS Access-Reject after the successful in-band PAC provisioning

61025 Open secure connection with TLS peer

11504 Prepared EAP-Failure

11003 Returned RADIUS Access-Reject