

Overview

Event	5400 Authentication failed
Username	Lilibeth.Rada
Endpoint Id	8C:16:45:86:44:99
Endpoint Profile	Windows7-Workstation
Authentication Policy	test-TLS >> Default
Authorization Policy	test-TLS >> Default
Authorization Result	DenyAccess

Steps

- 11001 Received RADIUS Access-Request
- 11017 RADIUS created a new session
- 15049 Evaluating Policy Group
- 15008 Evaluating Service Selection Policy
- 15048 Queried PIP - Radius.Called-Station-ID
- 15048 Queried PIP - Normalised Radius.RadiusFlowType
- 15048 Queried PIP - DEVICE.Device Type
- 15048 Queried PIP - Radius.Calling-Station-ID
- 11507 Extracted EAP-Response/Identity
- 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
- 12301 Extracted EAP-Response/NAK requesting to use PEAP instead
- 12300 Prepared EAP-Request proposing PEAP 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
- 12302 Extracted EAP-Response containing PEAP challenge-response and accepting PEAP as negotiated
- 12319 Successfully negotiated PEAP version 1
- 12800 Extracted first TLS record; TLS handshake started
- 12805 Extracted TLS ClientHello message
- 12806 Prepared TLS ServerHello message
- 12807 Prepared TLS Certificate message
- 12808 Prepared TLS ServerKeyExchange message
- 12810 Prepared TLS ServerDone message
- 12811 Extracted TLS Certificate message containing client certificate
- 12305 Prepared EAP-Request with another PEAP challenge
- 11006 Returned RADIUS Access-Challenge

Authentication Details

Source Timestamp	2020-08-28 12:35:03.475
Received Timestamp	2020-08-28 12:35:03.475
Policy Server	ISEPsn1
Event	5400 Authentication failed
Failure Reason	15039 Rejected per authorization profile
Resolution	Authorization Profile with ACCESS_REJECT attribute was selected as a result of the matching authorization rule. Check the appropriate Authorization policy rule-results.
Root cause	Selected Authorization Profile contains ACCESS_REJECT attribute
Username	Lilibeth.Rada
Endpoint Id	8C:16:45:86:44:99
Calling Station Id	8C-16-45-86-44-99
Endpoint Profile	Windows7-Workstation

11001 Received RADIUS Access-Request
11018 RADIUS is re-using an existing session
12304 Extracted EAP-Response containing PEAP challenge-response
12305 Prepared EAP-Request with another PEAP challenge
11006 Returned RADIUS Access-Challenge
11001 Received RADIUS Access-Request
11018 RADIUS is re-using an existing session
12304 Extracted EAP-Response containing PEAP challenge-response
12305 Prepared EAP-Request with another PEAP challenge
11006 Returned RADIUS Access-Challenge
11001 Received RADIUS Access-Request
11018 RADIUS is re-using an existing session
12304 Extracted EAP-Response containing PEAP challenge-response
12319 Successfully negotiated PEAP version 1
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
12310 PEAP full handshake finished successfully
12305 Prepared EAP-Request with another PEAP challenge
11006 Returned RADIUS Access-Challenge
11001 Received RADIUS Access-Request
11018 RADIUS is re-using an existing session
12304 Extracted EAP-Response containing PEAP challenge-response
12313 PEAP inner method started
11521 Prepared EAP-Request/Identity for inner EAP method
12305 Prepared EAP-Request with another PEAP challenge
11006 Returned RADIUS Access-Challenge
11001 Received RADIUS Access-Request
11018 RADIUS is re-using an existing session
12304 Extracted EAP-Response containing PEAP challenge-response
11522 Extracted EAP-Response/Identity for inner EAP method

Authentication Identity Store	Kaneka_AD
Identity Group	Windows7-Workstation
Audit Session Id	0AE9F2F900000428361FF292
Authentication Method	dot1x
Authentication Protocol	PEAP (EAP-MSCHAPv2)
Service Type	Framed
Network Device	3850X_Benicia_6162
Device Type	All Device Types#Switches
Location	All Locations#Kaneka-Benicia
NAS IPv4 Address	10.233.242.249
NAS Port Id	GigabitEthernet1/0/17
NAS Port Type	Ethernet
Authorization Profile	DenyAccess
Response Time	3 milliseconds

11806 Prepared EAP-Request for inner method proposing EAP-MSCHAP with challenge

12305 Prepared EAP-Request with another PEAP challenge

11006 Returned RADIUS Access-Challenge

11001 Received RADIUS Access-Request

11018 RADIUS is re-using an existing session

12304 Extracted EAP-Response containing PEAP challenge-response

11808 Extracted EAP-Response containing EAP-MSCHAP challenge-respons inner method and accepting EAP-MSCHAP as negotiated

15041 Evaluating Identity Policy

22072 Selected identity source sequence - All_User_ID_Stores

15013 Selected Identity Source - Kaneka_AD

24430 Authenticating user against Active Directory - Kaneka_AD

24325 Resolving identity - Lilibeth.Rada

24313 Search for matching accounts at join point - ktc.mfg

24319 Single matching account found in forest - ktc.mfg

24323 Identity resolution detected single matching account

24343 RPC Logon request succeeded - lilibeth.rada@ktc.mfg

24402 User authentication against Active Directory succeeded - Kaneka_AD

22037 Authentication Passed

11824 EAP-MSCHAP authentication attempt passed

12305 Prepared EAP-Request with another PEAP challenge

11006 Returned RADIUS Access-Challenge

11001 Received RADIUS Access-Request

11018 RADIUS is re-using an existing session

12304 Extracted EAP-Response containing PEAP 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

12314 PEAP inner method finished successfully

12305 Prepared EAP-Request with another PEAP challenge

11006 Returned RADIUS Access-Challenge

11001 Received RADIUS Access-Request

11018 RADIUS is re-using an existing session

12304 Extracted EAP-Response containing PEAP challenge-response

Other Attributes

ConfigVersionId	173
Device Port	36194
DestinationPort	1812
RadiusPacketType	AccessRequest
Protocol	Radius
NAS-Port	50117
Framed-MTU	1472

- 24715 ISE has not confirmed locally previous successful machine authentication user in Active Directory
- 15036 Evaluating Authorization Policy
- 24209 Looking up Endpoint in Internal Endpoints IDStore - Lilibeth.Rada
- 24211 Found Endpoint in Internal Endpoints IDStore
- 15048 Queried PIP - Session.PostureStatus
- 15016 Selected Authorization Profile - DenyAccess
- 15039 Rejected per authorization profile
- 12306 PEAP authentication succeeded
- 11503 Prepared EAP-Success
- 11003 Returned RADIUS Access-Reject

State	37CPMSessionID=0AE9F2F900000428361FF292; 33SessionID=ISEPsn1/387671753/13471;
NetworkDeviceProfileId	403ea8fc-7a27-41c3-80bb-27964031a08d
IsThirdPartyDeviceFlow	false
AcsSessionID	ISEPsn1/387671753/13471
DetailedInfo	Authentication succeed
SelectedAuthenticationIdentityStores	Kaneka_AD
SelectedAuthenticationIdentityStores	Internal Endpoints
SelectedAuthenticationIdentityStores	All_AD_Join_Points
SelectedAuthenticationIdentityStores	Internal Users
SelectedAuthenticationIdentityStores	Guest Users
IdentityPolicyMatchedRule	Default
AuthorizationPolicyMatchedRule	Default
EndPointMACAddress	8C-16-45-86-44-99
EapChainingResult	No chaining
ISEPolicySetName	test-TLS
IdentitySelectionMatchedRule	Default
AD-User-Resolved-Identities	lilibeth.rada@ktc.mfg
AD-User-Candidate-Identities	lilibeth.rada@ktc.mfg
AD-User-Join-Point	KTC.MFG
AD-User-Resolved-DNs	CN=Rada\, Lilibeth,OU=Users,OU=Benicia,OU=California,DC=ktc,DC=mfg
AD-User-DNS-Domain	ktc.mfg
AD-User-NetBios-Name	DC1KTC
IsMachineIdentity	false

UserAccountControl	512
AD-User-SamAccount-Name	lilibeth.rada
AD-User-Qualified-Name	lilibeth.rada@kaneka.com
TLSCipher	ECDHE-RSA-AES256-GCM-SHA384
TLSVersion	TLSv1.2
DTLSSupport	Unknown
HostIdentityGroup	Endpoint Identity Groups:Profiled:Windows7-Workstation
Model Name	3850
Network Device Profile	Cisco
Location	Location#All Locations#Kaneka-Benicia
Device Type	Device Type#All Device Types#Switches
Name	Endpoint Identity Groups:Profiled:Windows7-Workstation
IdentityAccessRestricted	false
RADIUS Username	anonymous
Device IP Address	10.233.242.249
CPMSessionID	0AE9F2F900000428361FF292
Called-Station-ID	30:8B:B2:BE:80:11
CiscoAVPair	service-type=Framed, audit-session-id=0AE9F2F900000428361FF292, method=dot1x, client-iiif-id=311441112

Result**RadiusPacketType**

AccessReject

EAP-Key-Name19:95:7b:3e:c6:25:55:7f:b3:26:ea:b8:82:59:4a:48:1b:28:dc:fe:81:0f:af:0b:46:b9:39:
e2:61:18:ab:b8:56:b9:b1:c3:b6:bd:d7:8a:fc:09:d5:6d:ab:34:9d:19:62:76:ba:e7:55:0
7:d2:21:61:03:fb:3c:db:3e:49:aa:71