

Radius



- [dictionary.txt](#)

:

- [Radius](#)
 - [RADIUS Attribute Types](#)
 - [Eltex-VSA Subtypes](#)
- [Radius](#)
 - [Fastpath](#)
 - [Realtek-AP](#)
 - [VSA Subtypes](#)
 - [ESDK](#)
 - [VSA Subtypes](#)
- [, RADIUS-accounting stop](#)

Radius



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RADIUS Attribute Types

Attribute	ID	Possible values	Data Type	Description
Tunnel-Type	64	13	integer	Tunnel-Type: VLAN (13)
Tunnel-Medium-Type	65	6	integer	Tunnel-Medium-Type: IEEE-802 (6)
Tunnel-Private-Group-Id	81		integer	CVLAN

Eltex-VSA Subtypes

Attribute	ID	Possible values	Data Type	Description
WISPr-Bandwidth-Max-Up	7		integer	, /
WISPr-Bandwidth-Max-Down	8		integer	, /
Eltex-Additional-Vlans	12		string	vlan
Eltex-Domain	13		string	(cp-instance radius-domain; bss radius-domain; global-radius-server radius-domain)
Eltex-Traffic-Limit	14		string	
Eltex-Work-Time-Limit	15		integer	
Eltex-Simultaneous-Use	16		integer	
Eltex-Acct-Input-Packets-Drop	17		string	
Eltex-Acct-Output-Packets-Drop	18		string	
Eltex-Acct-Input-Bytes-Drop	19		string	
Eltex-Acct-Output-Bytes-Drop	20		string	
Eltex-Acct-Output-Packet-Lost	21		string	
Eltex-Tls-Enabled	22		integer	TLS (bss tls-enabled)
Eltex-AP-Domain	24		string	(management ap-location)
Eltex-Server-Cert-Expires	25		string	
Eltex-Ssid-Security	26	1	integer	Plain-Text
		3		WPA-Personal

		5		WPA-Enterprise
Eltex-Ssid-Type	27	0	integer	Hotspot
		1		Enterprise
		2		Equipment

Radius



Fastpath				
Attribute	ID	Possible values	Data Type	Radius-message
User-Name	1		string	Access-Request Accounting-Request Access-Accept
User-Password	2		string	Access-Accept Access-Request
NAS-IP-Address	4		ipaddr	Access-Request Accounting-Request
NAS-Port	5		integer	Access-Request Accounting-Request
Service-Type	6		integer	Access-Request Accounting-Request
Framed-IP-Address	8		ipaddr	Access-Request Accounting-Request
Framed-MTU	12		integer	Access-Request
State	24		octets	Access-Request Access-Challenge
Vendor-Specific	26		octets	Access-Request Accounting-Request Access-Accept Access-Challenge
Session-Timeout	27		integer	Access-Accept Access-Reject Access-Challenge
Idle-Timeout	28		integer	Access-Accept
Termination-Action	29		integer	Access-Accept Access-Reject Access-Challenge
Called-Station-Id	30		string	Access-Request Accounting-Request
Calling-Station-Id	31		string	Access-Request Accounting-Request
NAS-Identifier	32		string	Access-Request Accounting-Request
Acct-Status-Type	40		integer	Accounting-Request
Acct-Input-Octets	42		integer	Accounting-Request
Acct-Output-Octets	43		integer	Accounting-Request
Acct-Session-Id	44		string	Access-Request Accounting-Request
Acct-Authentic	45		integer	Accounting-Request
Acct-Session-Time	46		integer	Accounting-Request
Acct-Input-Packets	47		integer	Accounting-Request
Acct-Output-Packets	48		integer	Accounting-Request
Acct-Terminate-Cause	49		integer	Accounting-Request
Acct-Input-Gigawords	52		integer	Accounting-Request

Acct-Output-Gigawords	53			integer	Accounting-Request	
Event-Timestamp	55			date	Accounting-Request	
NAS-Port-Type	61			integer	Access-Request Accounting-Request	
Connect-Info	77			string	Access-Request Accounting-Request	
EAP-Message	79			string	Access-Request Access-Reject Access-Challenge	
Message-Authenticator	80			octets	Access-Request Accounting-Request Access-Accept Access-Reject Access-Challenge	
NAS-Port-Id	87			string	Access-Request Accounting-Request	
NAS-IPv6-Address	95			octets	Access-Request Accounting-Request	
Realtek-AP						
Attribute	ID	Possible values		Data Type	Radius-message	
		Captive-portal	Enterprise		Captive-portal	Enterprise
User-Name	1			string	Access-Request Accounting-Request Disconnect-Request CoA-Request	Access-Request Accounting-Request Disconnect-Request
User-Password	2			string	Access-Request Disconnect-Request CoA-Request	Access-Request
NAS-IP-Address	4			ipaddr	Access-Request Accounting-Request Disconnect-Request CoA-Request	Access-Request Accounting-Request
NAS-Port	5			integer	-	Access-Request Accounting-Request
Service-Type	6		2	integer	Accounting-Request	Access-Request Accounting-Request
Framed-IP-Address	8			ipaddr	Access-Request Accounting-Request	Accounting-Request
Framed-MTU	12			integer	Access-Request Accounting-Request	Access-Request
State	24			octets	Access-Request Access-Challenge	Access-Request Access-Challenge
Vendor-Specific	26			octets	Access-Accept Access-Reject Access-Challenge Accounting-Request Disconnect-Request CoA-Request CoA-NAK CoA-ACK Disconnect-NAK Disconnect-ACK	Access-Request Access-Accept Accounting-Request Disconnect-Request
Session-Timeout	27			integer	-	Access-Accept
Idle-Timeout	28			integer	-	Access-Accept
Called-Station-Id	30			string	Accounting-Request	Access-Request Accounting-Request
Calling-Station-Id	31			string	Accounting-Request Disconnect-Request CoA-Request	Access-Request Accounting-Request Disconnect-Request
NAS-Identifier	32			string	Access-Request Accounting-Request	Access-Request Accounting-Request
Acct-Status-Type	40			integer	Accounting-Request	Access-Request Accounting-Request

Acct-Delay-Time	41			integer	-	Accounting-Request
Acct-Input-Octets	42			integer	Accounting-Request	Accounting-Request
Acct-Output-Octets	43			integer	Accounting-Request	Accounting-Request
Acct-Session-Id	44			string	Access-Request Accounting-Request CoA-Request Disconnect-Request CoA-ACK CoA-NAK Disconnect-ACK Disconnect-NAK	Access-Request Accounting-Request Disconnect-Request
Acct-Authentic	45			integer	-	Accounting-Request
Acct-Session-Time	46			integer	Accounting-Request	Accounting-Request
Acct-Input-Packets	47			integer	Accounting-Request	Accounting-Request
Acct-Output-Packets	48			integer	Accounting-Request	Accounting-Request
Acct-Terminate-Cause	49			integer	Accounting-Request	Accounting-Request
Acct-Input-Gigawords	52			integer	Accounting-Request	Accounting-Request
Acct-Output-Gigawords	53			integer	Accounting-Request	Accounting-Request
Event-Timestamp	55			date	Accounting-Request Disconnect-Request CoA-Request CoA-NAK CoA-ACK Disconnect-NAK Disconnect-ACK	Accounting-Request
NAS-Port-Type	61	19		integer	Accounting-Request	Access-Request Accounting-Request
Tunnel-Type	64			integer	-	Access-Accept
Tunnel-Medium-Type	65			integer	-	Access-Accept
Connect-Info	77			string	-	Access-Request Accounting-Request
EAP-Message	79			string	Access-Request Access-Challenge	Access-Request Access-Accept Access-Challenge
Message-Authenticator	80			octets	Access-Request Accounting-Request Disconnect-Request CoA-Request CoA-NAK CoA-ACK Disconnect-NAK Disconnect-ACK	Access-Request Access-Challenge
Tunnel-Private-Group-Id	81			integer	-	Access-Accept
Acct-Interim-Interval	85			integer	-	Access-Accept
NAS-Port-Id	87			string	Accounting-Request	Access-Request Accounting-Request
Chargeable-User-Identity	89			string	Disconnect-Request CoA-Request	Disconnect-Request
NAS-IPv6-Address	95			octets	Accounting-Request	-
Error-Cause	101	401 407		integer	Disconnect-Request CoA-NAK	-

VSA Subtypes

Attribute	ID	Possible values		Data Type	Radius-message	
		Captive-portal	Enterprise		Captive-portal	Enterprise
WISPr-Bandwidth-Max-Up	7			integer	Disconnect-Request CoA-NAK	Access-Accept Disconnect-Request
WISPr-Bandwidth-Max-Down	8			integer	Disconnect-Request CoA-NAK	Access-Accept Disconnect-Request

Eltex-Additional-Vlans	12			string	-	Access-Accept Disconnect-Request
Eltex-Domain	13			string	Accounting-Request	Accounting-Request
Eltex-Acct-Input-Packets-Drop	17		"0"	string	Accounting-Request	Disconnect-Request
Eltex-Acct-Output-Packets-Drop	18		"0"	string	Accounting-Request	Disconnect-Request
Eltex-Acct-Input-Bytes-Drop	19		"0"	string	Accounting-Request	Disconnect-Request
Eltex-Acct-Output-Bytes-Drop	20		"0"	string	Accounting-Request	Disconnect-Request
Eltex-Acct-Output-Packet-Lost	21		"0"	string	Accounting-Request	Disconnect-Request
Eltex-Tls-Enabled	22		0	integer	-	Access-Accept
			1			Accounting-Request
Eltex-AP-Domain	24			string	Accounting-Request	Accounting-Request
LVL7-ACL-Down	120	""(none)		string	Disconnect-Request CoA-NAK	-
		"IPv4"				
		"MAC"				
		"IPv6"				
LVL7-ACL-Up	121	""(none)		string	Disconnect-Request CoA-NAK	-
		"IPv4"				
		"MAC"				
		"IPv6"				
LVL7-Wireless-Client-Policy-Down	122			string	Disconnect-Request CoA-NAK	-
LVL7-Wireless-Client-Policy-Up	123			string	Disconnect-Request CoA-NAK	-

ESDK

Attribute	ID	Possible values		Data Type	Radius-message	
		Captive-portal	Enterprise		Captive-portal	Enterprise
User-Name	1			string	Access-Request Accounting-Request Disconnect-Request CoA-Request	Access-Request Access-Accept Accounting-Request Disconnect-Request CoA-Request
User-Password	2			string	Access-Request CoA-Request	Access-Request
NAS-IP-Address	4			ipaddr	Access-Request Accounting-Request Disconnect-Request Disconnect-ACK Disconnect-NAK CoA-Request CoA-ACK CoA-NAK	Access-Request Accounting-Request Disconnect-Request CoA-Request
NAS-Port	5			integer	-	Access-Request Accounting-Request
Service-Type	6		2	integer	Accounting-Request	Access-Request Accounting-Request
Framed-IP-Address	8			ipaddr	Access-Request Accounting-Request	Access-Request Accounting-Request
Framed-MTU	12			integer	Access-Request	Access-Request
State	24			octets	Access-Request Access-Challenge	Access-Request Access-Challenge
Class	25			octets	-	Accounting-Request
Vendor-Specific	26			octets	Accounting-Request CoA-Request CoA-NAK CoA-ACK Disconnect-NAK Disconnect-ACK	Access-Request Access-Accept Accounting-Request Disconnect-Request

Session-Timeout	27			integer	-	Access-Accept Access-Reject Access-Challenge
Termination-Action	29			integer	-	Access-Accept Access-Reject Access-Challenge
Called-Station-Id	30			string	Accounting-Request	Access-Request Accounting-Request
Calling-Station-Id	31			string	Accounting-Request Disconnect-Request CoA-Request	Access-Request Accounting-Request Disconnect-Request CoA-Request
NAS-Identifier	32			string	Access-Request Accounting-Request	Access-Request Accounting-Request Disconnect-Request CoA-Request
Proxy-State	33			octets	-	Access-Accept Access-Reject Access-Challenge
Acct-Status-Type	40			integer	Accounting-Request	Accounting-Request
Acct-Delay-Time	41			integer	-	Accounting-Request
Acct-Input-Octets	42			integer	Accounting-Request	-
Acct-Output-Octets	43			integer	Accounting-Request	-
Acct-Session-Id	44			string	Access-Request Accounting-Request Disconnect-Request Disconnect-ACK Disconnect-NAK CoA-Request CoA-ACK CoA-NAK	Access-Request Accounting-Request Disconnect-Request CoA-Request
Acct-Authentic	45			integer	-	Accounting-Request
Acct-Session-Time	46			integer	Accounting-Request	-
Acct-Input-Packets	47			integer	Accounting-Request	-
Acct-Output-Packets	48			integer	Accounting-Request	-
Acct-Terminate-Cause	49			integer	Accounting-Request	-
Acct-Multi-Session-Id	50			string	-	Access-Request Accounting-Request Disconnect-Request CoA-Request
Acct-Input-Gigawords	52			integer	Accounting-Request	-
Acct-Output-Gigawords	53			integer	Accounting-Request	-
Event-Timestamp	55			date	Accounting-Request Disconnect-Request Disconnect-ACK Disconnect-NAK CoA-Request CoA-ACK CoA-NAK	Accounting-Request Disconnect-Request Disconnect-ACK Disconnect-NAK CoA-Request CoA-ACK CoA-NAK
NAS-Port-Type	61	19		integer	Access-Request	Access-Request Accounting-Request
Connect-Info	77			string	Access-Request	Access-Request Accounting-Request
EAP-Message	79			string	Access-Request Access-Challenge	Access-Request Access-Accept Access-Reject Access-Challenge

Message-Authenticator	80			octets	Disconnect-Request Disconnect-ACK Disconnect-NAK CoA-Request CoA-ACK CoA-NAK	Access-Accept Access-Reject Access-Challenge Disconnect-Request Disconnect-ACK Disconnect-NAK CoA-Request CoA-ACK CoA-NAK
Tunnel-Private-Group-Id	81			integer	-	Access-Accept Access-Challenge
Acct-Interim-Interval	85			integer	-	Access-Accept
NAS-Port-Id	87			string	Accounting-Request	-
Chargeable-User-Identity	89			string	Disconnect-Request CoA-Request	Access-Request Access-Accept Accounting-Request Disconnect-Request CoA-Request
NAS-IPv6-Address	95			octets	Accounting-Request	Access-Request Accounting-Request Disconnect-Request CoA-Request
Error-Cause	101	401	401	integer	Disconnect-ACK Disconnect-NAK CoA-ACK CoA-NAK	Disconnect-ACK Disconnect-NAK CoA-ACK CoA-NAK
		407	403			
			407			
			503			
			508			
Mobility-Domain-Id	177			integer	-	Access-Request Accounting-Request
WLAN-HESSID	181			string	-	Access-Request Accounting-Request
WLAN-Reason-Code	185			integer	-	Access-Reject
WLAN-Pairwise-Cipher	186			integer	-	Access-Request Accounting-Request
WLAN-Group-Cipher	187			integer	-	Access-Request Accounting-Request
WLAN-AKM-Suite	188			integer	-	Access-Request Accounting-Request
WLAN-Group-Mgmt-Cipher	189			integer	-	Access-Request Accounting-Request
VSA Subtypes						
Attribute	ID	Possible values		Data Type	Radius-message	
		Captive-portal	Enterprise		Captive-portal	Enterprise
WISPr-Bandwidth-Max-Up	7			integer	-	Access-Accept
WISPr-Bandwidth-Max-Down	8			integer	-	Access-Accept
Eltex-Domain	13			string	Accounting-Request	Access-Request
Eltex-Acct-Input-Packets-Drop	17			string	Accounting-Request	-
Eltex-Acct-Output-Packets-Drop	18			string	Accounting-Request	-
Eltex-Acct-Input-Bytes-Drop	19			string	Accounting-Request	-
Eltex-Acct-Output-Bytes-Drop	20			string	Accounting-Request	-
Eltex-Acct-Output-Packet-Lost	21			string	Accounting-Request	-
Eltex-Tls-Enabled	22			integer	-	Access-Request
Eltex-AP-Domain	24			string	Accounting-Request	-

, RADIUS-accounting stop

accounting stop `acct_terminate_cause`, . : `RADIUS_ATTR_ACCT_TERMINATE_CAUSE = 49`.

accounting stop .

	acct_terminate_cause	personal/enterprise	
RADIUS_ACCT_TERMINATE_CAUSE_USER_REQUEST	1		1. 2. APB
RADIUS_ACCT_TERMINATE_CAUSE_LOST_CARRIER	2		
RADIUS_ACCT_TERMINATE_CAUSE_LOST_SERVICE	3		
RADIUS_ACCT_TERMINATE_CAUSE_IDLE_TIMEOUT	4	-.	APB
RADIUS_ACCT_TERMINATE_CAUSE_SESSION_TIMEOUT	5	,	,
RADIUS_ACCT_TERMINATE_CAUSE_ADMIN_RESET	6		
RADIUS_ACCT_TERMINATE_CAUSE_ADMIN_REBOOT	7	hostapd -. radio-	cportald -. .
RADIUS_ACCT_TERMINATE_CAUSE_PORT_ERROR	8		
RADIUS_ACCT_TERMINATE_CAUSE_NAS_ERROR	9		. , .
RADIUS_ACCT_TERMINATE_CAUSE_NAS_REQUEST	10		. RADIUS-DAS .
RADIUS_ACCT_TERMINATE_CAUSE_NAS_REBOOT	11		
RADIUS_ACCT_TERMINATE_CAUSE_PORT_UNNEEDED	12		
RADIUS_ACCT_TERMINATE_CAUSE_PORT_PREEMPTED	13		
RADIUS_ACCT_TERMINATE_CAUSE_PORT_SUSPENDED	14		
RADIUS_ACCT_TERMINATE_CAUSE_SERVICE_UNAVAILABLE	15		
RADIUS_ACCT_TERMINATE_CAUSE_CALLBACK	16		
RADIUS_ACCT_TERMINATE_CAUSE_USER_ERROR	17		
RADIUS_ACCT_TERMINATE_CAUSE_HOST_REQUEST	18		