

radius include

Syntax radius include *attributeName*
{ access-request | acct-on | acct-off | acct-start | acct-stop } { enable | disable }

no radius include *attributeName*
{ access-request | acct-on | acct-off | acct-start | acct-stop }

Release Information Command introduced before JUNOS Release 7.1.0.
l2c-access-loop-parameters attribute added in JUNOS Release 7.2.0.
l2cd attributes added in JUNOS Release 9.0.0.
framed-interface-id and **framed-ipv6-prefix** attributes, and acct-stop support for **framed-ip-addr** attribute added in JUNOS Release 9.0.0.
downstream-calculated-qos-rate and **upstream-calculated-qos-rate** attributes added in JUNOS Release 9.1.0.
ipv6-accounting, **delegated-ipv6-prefix**, **framed-ipv6-pool**, **framed-ipv6-route**, **ipv6-local-interface**, **ipv6-nd-ra-prefix**, **ipv6-primary-dns**, **ipv6-secondary-dns**, and **ipv6-virtual-router** attributes added in JUNOS Release 10.2.0.
icr-partition-id attribute added in JUNOS Release 10.3.0.

Description Configures the inclusion of RADIUS attributes in RADIUS messages. Not all attributes are available in all message types. The listed attributes are included by default except where noted. The **no** version restores the default.

- Options**
- *attributeName*—One of the following RADIUS attributes; not all attributes are available in all message types.
Attributes available for Access-Request, Acct-Start, and Acct-Stop messages:
 - acct-multi-session-id—Includes RADIUS attribute 50, Acct-Multi-Session-Id
 - acct-tunnel-connection—Includes RADIUS attribute 68, Acct-Tunnel-Connection
 - ascend-num-in-multilink—Includes RADIUS attribute 188, Ascend-Num-In-Multilink
 - called-station-id—Includes RADIUS attribute 30, Called-Station-Id
 - calling-station-id—Includes RADIUS attribute 31, Calling-Station-Id
 - connect-info—Includes RADIUS attribute 77, Connect-Info
 - dhcp-options—Includes RADIUS attribute 26-55, DHCP-Options
 - dhcp-option-82—Includes RADIUS attribute 26-159, DHCP-Option 82
 - dhcp-gi-address—Includes RADIUS attribute 26-57, DHCP-GI-Address
 - dhcp-mac-address—Includes RADIUS attribute 26-56, DHCP-MAC Address
 - downstream-calculated-qos-rate—Includes RADIUS attribute 26-141, Downstream-Calculated-Qos-Rate

- framed-interface-id—Excluded by default; includes RADIUS attribute 96, Framed-Interface-Id, if an IPv6 interface ID is assigned to the subscriber
- framed-ip-addr—Includes RADIUS attribute 8, Framed-IP-Address, if an IP address is assigned to the subscriber
- framed-ipv6-prefix—Excluded by default; includes RADIUS attribute 97, Framed-Ipv6-Prefix, if at least one IPv6 prefix is assigned to the subscriber
- icr-partition-id—Excluded by default; includes RADIUS attribute 26-150, ICR-Partition-Id, which is a user-configured value of up to 128 characters
- interface-description—Includes RADIUS attribute 26-63, Interface-Desc
- l2c-downstream-data—Includes RADIUS attribute 26-92, L2C-Down-Stream-Data
- l2c-upstream-data—Includes RADIUS attribute 26-93, L2C-Up-Stream-Data
- l2c-upstream-data—Includes RADIUS attribute 26-93, L2C-Up-Stream-Data
- l2cd-acc-loop-cir-id—Excluded by default; includes RADIUS attribute 26-110, Acc-Loop-Cir-Id
- l2cd-acc-aggr-cir-id-bib—Excluded by default; includes RADIUS attribute 26-111, Acc-Aggr-Cir-Id-Bin
- l2cd-acc-aggr-cir-id-asc—Excluded by default; includes RADIUS attribute 26-112, Acc-Aggr-Cir-Id-Asc
- l2cd-act-data-rate-up—Excluded by default; includes RADIUS attribute 26-113, Act-Data-Rate-Up
- l2cd-act-data-rate-dn—Excluded by default; includes RADIUS attribute 26-114, Act-Data-Rate-Dn
- l2cd-min-data-rate-up—Excluded by default; includes RADIUS attribute 26-115, Min-Data-Rate-Up
- l2cd-min-data-rate-dn—Excluded by default; includes RADIUS attribute 26-116, Min-Data-Rate-Dn
- l2cd-att-data-rate-up—Excluded by default; includes RADIUS attribute 26-117, Att-Data-Rate-Up
- l2cd-att-data-rate-dn—Excluded by default; includes RADIUS attribute 26-118, Att-Data-Rate-Dn
- l2cd-max-data-rate-up—Excluded by default; includes RADIUS attribute 26-119, Max-Data-Rate-Up
- l2cd-max-data-rate-dn—Excluded by default; includes RADIUS attribute 26-120, Max-Data-Rate-Dn
- l2cd-min-lp-data-rate-up—Excluded by default; includes RADIUS attribute 26-121, Min-LP-Data-Rate-Up

- l2cd-min-lp-data-rate-dn—Excluded by default; includes RADIUS attribute 26-122, Min-LP-Data-Rate-Dn
- l2cd-max-interlv-delay-up—Excluded by default; includes RADIUS attribute 26-123, Max-Interlv-Delay-Up
- l2cd-act-interlv-delay-up—Excluded by default; includes RADIUS attribute 26-124, Act-Interlv-Delay-Up
- l2cd-max-interlv-delay-dn—Excluded by default; includes RADIUS attribute 26-125, Max-Interlv-Delay-Dn
- l2cd-act-interlv-delay-dn—Excluded by default; includes RADIUS attribute 26-126, Act-Interlv-Delay-Dn
- l2cd-dsl-line-state—Excluded by default; includes RADIUS attribute 26-127, DSL-Line-State
- l2cd-dsl-type—Excluded by default; includes RADIUS attribute 26-128, DSL-Type
- mlppp-bundle-name—Excluded by default; includes RADIUS attribute 26-62, MLPPP-Bundle-Name
- nas-port—Includes RADIUS attribute 5, NAS-Port
- nas-port-id—Includes RADIUS attribute 87, NAS-Port-Id
- nas-port-type—Includes RADIUS attribute 61, NAS-Port-Type
- pppoe-description—Includes RADIUS attribute 26-24, Pppoe-Description
- profile-service-description—Includes RADIUS attribute 26-53, Service-Description
- tunnel-client-auth-id—Includes RADIUS attribute 90, Tunnel-Client-Auth-Id
- tunnel-client-endpoint—Includes RADIUS attribute 66, Tunnel-Client-Endpoint
- tunnel-interface-id—Excluded by default; includes RADIUS attribute 26-44, Tunnel-Interface-ID
- tunnel-medium-type—Includes RADIUS attribute 65, Tunnel-Medium-Type
- tunnel-server-attributes—Excluded by default; includes all supported tunnel server attributes; that is, the attributes of the tunnel client when PPP is terminated at the LNS on the router
- tunnel-server-auth-id—Includes RADIUS attribute 91, Tunnel-Server-Auth-Id
- tunnel-server-endpoint—Includes RADIUS attribute 67, Tunnel-Server-Endpoint
- tunnel-type—Includes RADIUS attribute 64, Tunnel-Type
- upstream-calculated-qos-rate—Includes RADIUS attribute 26-142, Upstream-Calculated-Qos-Rate

Attributes available for Access-Request messages only:

- access-loop-parameters—Includes RADIUS attribute 26-81, L2c-Information

Attributes available for Acct-Start and Acct-Stop messages only:

- acct-link-count—Includes RADIUS attribute 51, Acct-Link-Count
- class—Includes RADIUS attribute 25, Class
- egress-policy-name—Includes RADIUS attribute 26-11, Egress-Policy-Name
- framed-compression—Includes RADIUS attribute 13, Framed-Compression
- framed-ip-netmask—Includes RADIUS attribute 9, Framed-IP-Netmask
- ingress-policy-name—Includes RADIUS attribute 26-10, Ingress-Policy-Name
- tunnel-assignment-id—Includes RADIUS attribute 82, Tunnel-Assignment-Id
- tunnel-preference—Includes RADIUS attribute 83, Tunnel-Preference

Attributes available for Acct-Stop messages only:

- delegated-ipv6-prefix—Excluded by default; includes RADIUS attribute 123, Delegated-Ipv6-Prefix
- framed-ipv6-pool—Excluded by default; includes RADIUS attribute 100, Framed-IPv6-Pool
- framed-ipv6-route—Excluded by default; includes RADIUS attribute 99, Framed-IPv6-Route
- input-gigapkts—Includes RADIUS attribute 26-35, Acct-Input-Gigapackets
- input-gigawords—Includes RADIUS attribute 52, Acct-Input-Gigawords
- ipv6-accounting—Excluded by default; includes the following RADIUS attributes:
 - IPv6-Acct-Input-Octets [26-151]
 - IPv6-Acct-Output-Octets [26-152]
 - IPv6-Acct-Input-Packets [26-153]
 - IPv6-Acct-Output-Packets [26-154]
 - IPv6-Acct-Input-Gigawords [26-155]
 - IPv6-Acct-Output-Gigawords [26-156]
- ipv6-local-interface—Excluded by default; includes RADIUS attribute 26-46, Ipv6-Local-Interface
- ipv6-nd-ra-prefix—Excluded by default; includes RADIUS attribute 26-129, Ipv6-NdRa-Prefix
- ipv6-primary-dns—Excluded by default; includes RADIUS attribute 26-47, Ipv6-Primary-DNS

- ipv6-secondary-dns—Excluded by default; includes RADIUS attribute 26-48, Ipv6-Secondary-DNS
- ipv6-virtual-router—Excluded by default; includes RADIUS attribute 26-45, Ipv6-Virtual-Router
- l2tp-ppp-disconnect-cause—Includes RADIUS attribute 26-51, Disconnect-Cause
- output-gigapkts—Includes RADIUS attribute 26-36, Acct-Output-Gigapackets
- output-gigawords—Includes RADIUS attribute 53, Acct-Output-Gigawords

Attributes available for Access-Request, Acct-Start, Acct-Stop, Acct-On, and Acct-Off messages:

- nas-identifier—Includes RADIUS attribute 32, NAS-Identifier

Attributes available for Access-Request, Acct-On, and Acct-Off messages:

- acct-session-id—Includes RADIUS attribute 44, Acct-Session-Id

Attributes available for Acct-Start, Acct-Stop, Acct-On, and Acct-Off messages:

- event-timestamp—Includes RADIUS attribute 55, Event-Timestamp

Attributes available for Acct-On and Acct-Off messages only:

- acct-authentic—Includes RADIUS attribute 45, Acct-Authentic
- acct-delay-time—Includes RADIUS attribute 41, Acct-Delay-Time

Attributes available for Acct-Off messages only:

- acct-terminate-cause—Includes RADIUS attribute 49, Acct-Terminate-Cause

- access-request—Specifies RADIUS Access-Request messages
- acct-on—Specifies RADIUS Acct-On messages
- acct-off—Specifies RADIUS Acct-Off messages
- acct-start—Specifies RADIUS Acct-Start messages
- acct-stop—Specifies RADIUS Acct-Stop messages
- enable—Enables attribute inclusion
- disable—Disables attribute inclusion; the attribute is excluded

Mode Global Configuration

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