

## radius include

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**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-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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