

## radius calling-station-format

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**Syntax** radius calling-station-format { delimited | fixed-format [ stacked ] |  
fixed-format-adapter-embedded [ stacked ] | fixed-format-adapter-new-field [ stacked  
] }

no radius calling-station-format

**Release Information** Command introduced before JUNOS Release 7.1.0.  
**fixed-format-adapter-embedded** and **fixed-format-adapter-new-field** keywords  
added in JUNOS Release 8.1.0.  
**stacked** keyword added in JUNOS Release 9.3.0.

**Description** On a virtual router, specifies the format of RADIUS attribute 31, Calling-Station-Id,  
when the PPP user is terminated at the non-LNS E Series router. Depending on the  
keyword you use, the virtual router uses the specified format for each interface type,  
replacing variables in the format with their actual values for your configuration. The  
**no** version restores the default Calling-Station-Id format, **delimited**.

- Options**
- delimited—Specifies that the RADIUS client uses the delimited format:
    - Format for ATM interfaces:  
*delimiter systemName delimiter interfaceDescription delimiter  
VPI delimiter VCI*
    - Format for Ethernet interfaces:  
*delimiter systemName delimiter interfaceDescription delimiter VLAN*
  - fixed-format—Specifies that the RADIUS client uses a fixed format of up to  
15 characters consisting of all ASCII fields:
    - Format for ATM interfaces:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *port* (1 byte) *VPI* (3 bytes)  
*VCI* (5 bytes)
    - Format for Ethernet interfaces:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *port* (1 byte) *VLAN* (8 bytes)
    - Format for serial interfaces:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *port* (1 byte) 0 (8 bytes)
    - In the case of PPP terminated from LNS, the Calling-Station-Id attribute is  
the value passed as the calling-station AVP.
  - fixed-format-adapter-embedded—Specifies that the RADIUS client uses a fixed  
format of up to 15 characters consisting of all ASCII fields with a 1-byte *slot* field,  
1-byte *adapter* field, and 1-byte *port* field:
    - Format for ATM interfaces:  
*systemName* (up to 4 bytes) *slot* (1 byte) *adapter* (1 byte) *port* (1 byte)  
*VPI* (3 bytes) *VCI* (5 bytes)
    - Format for Ethernet interfaces:  
*systemName* (up to 4 bytes) *slot* (1 byte) *adapter* (1 byte) *port* (1 byte)  
*VLAN* (8 bytes)

- Format for serial interfaces:  
*systemName* (up to 4 bytes) *slot* (1 byte) *adapter* (1 byte) *port* (1 byte)  
0 (8 bytes)
- For E120 routers and E320 routers, *adapter* is the number of the bay in which the I/O adapter (IOA) resides, either 0 (representing the right IOA bay on the E120 router and the upper IOA bay on the E320 router) or 1 (representing the left IOA bay on the E120 router or the lower IOA bay on the E320 router). For ERX7xx models, ERX14xx models, and ERX310 routers, *adapter* is always shown as 0.
- Slot numbers 0 through 16 are shown as ASCII characters in the 1-byte slot field.
- fixed-format-adapter-new-field—Specifies that the RADIUS client uses a fixed format of up to 17 characters consisting of all ASCII fields with a 2-byte *slot* field, 1-byte *adapter* field, and 2-byte *port* field:
  - Format for ATM interfaces:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *adapter* (1 byte) *port* (2 bytes)  
*VPI* (3 bytes) *VCI* (5 bytes)
  - Format for Ethernet interfaces:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *adapter* (1 byte) *port* (2 bytes) *VLAN*  
(8 bytes)
  - Format for serial interfaces:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *adapter* (1 byte) *port* (2 bytes)  
0 (8 bytes)
  - For E120 routers and E320 routers, *adapter* is the number of the bay in which the IOA resides, either 0 or 1. For ERX7xx models, ERX14xx models, and ERX310 routers, *adapter* is always shown as 0.
  - Slot numbers 0 through 16 are shown as integers in the 2-byte *slot* field.
- stacked—Includes a 4-byte stacked VLAN (S-VLAN ID) for Ethernet interfaces when the RADIUS client uses the fixed-format, fixed-format-adapter-embedded, or fixed-format-adapter-new-field format; by default, these formats do not include the S-VLAN ID unless you specify the optional **stacked** keyword:
  - Format for Ethernet interfaces that use **fixed-format**:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *port* (1 byte) *S-VLAN* (4 bytes) *VLAN*  
(4 bytes)
  - Format for Ethernet interfaces that use **fixed-format-adapter-embedded**:  
*systemName* (up to 4 bytes) *slot* (1 byte) *adapter* (1 byte) *port* (1 byte) *S-VLAN*  
(4 bytes) *VLAN* (4 bytes)
  - Format for Ethernet interfaces that use **fixed-format-adapter-new-field**:  
*systemName* (up to 4 bytes) *slot* (2 bytes) *adapter* (1 byte) *port* (2 bytes)  
*S-VLAN* (4 bytes) *VLAN* (4 bytes)

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