

Plug-In Attributes for Use with Backbone Congestion Point Expressions

These plug-in attributes must be available for service authorization and service tracking events.

accountingId

- Value of accountingUserId attribute.

ifRadiusClass

- RADIUS class attribute on the JUNOS interface.
- Value—String array
- Example—ifRadiusClass = “ acpe”

ifSessionId

- Identifier for RADIUS accounting on the JUNOS interface.

interfaceAlias

- Description of the interface.
- Value—Interface description that is configured on the JUNOS router with the `interface ip description` command
- Example—interfaceAlias = “ dhcp-subscriber12”

interfaceDescr

- Alternate name for the interface that is used by SNMP. This name is a system-generated name.
- Value
 - On a JUNOS router, the format of the description is
`ip<slot>/<port>.<subinterface>`
 - On the JUNOS routing platform, interfaceDescr is the same as interfaceName.
- Example—interfaceDescr = “ IP3/1 ”

interfaceName

- Name of the interface.
- Value
 - Name of the interface in your router CLI syntax
 - FORWARDING_INTERFACE for routing instance (used by traffic mirroring)
- Example—For JUNOSe routers: interfaceName = “ fastEthernet6/0”
For JUNOS routing platforms: interfaceName = “fe-0/1/0.0”
For forwarding interface: interfaceName = “FORWARDING_INTERFACE”

loginName

- Subscriber's login name.
- Value—Login name
- Guidelines—The format of the login name varies. A loginName can be of form subscriber, domain\subscriber, subscriber@domain, or as otherwise defined by the login setup of the manager.
- Example—idp@idp

nasIp

- IP address of the router.
- Value—String

nasPort

- Port identifier of an interface.
- Value—Includes interface name and additional layer 2 information
- Example—nasPort = “ fastEthernet 3/1” (There is a space between fastEthernet and slot number 3/1 in the nasPort field.)

portId

- Identifier of VLAN or virtual circuit.
- Value—String; for a virtual circuit, use the format <VPI> / <VCI>

primaryUserName

- PPP login name or the public DHCP username.
- Value—Subscriber name
- Example—primaryUserName = “ peter”

radiusClass

- RADIUS class attribute of the service definition.
- Value—String
- Example—radiusClass = “ Premium”

serviceName

- Identifier of the service.

serviceScope

- Identifier of the service scope.

serviceSessionName

- Identifier of the service session.

serviceSessionTag

- Tag for the service session.

sspHost

- Name of host on which the SAE is installed.

substitutions.<substitution name>

- Substitution with the specified name passed in at service activation.

userIp

- IP address of the subscriber.
- Value—String

userMacAddress

- Media access control (MAC) address of the DHCP subscriber.
- Value—Valid MAC address
- Example—userMacAddress = “ 00:11:22:33:44:55”

userType

- Type of subscriber.

vrName

- Name of virtual router.
- Value—Virtual router name in the format <virtualRouter> @ <router>
- Example—vrName = “default@e_series5”

