

## Plug-In Attributes for Use with Backbone Congestion Point Expressions

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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 JUNOS 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”

