

Congestion Point Classification Criteria

Congestion point classification criteria define match criteria that are used to find the congestion point profile. Use the fields in this topic to define classification criteria.

accountingId

- Value of directory attribute accountingUserId.

authUserId

- Identifier that a subscriber uses for authentication.
- Value—Username

dhcpPacket

- Content of the DHCP discover request.
- Value—Byte array
 - First 4 octets—Gateway IP address (giaddr field)
 - Remaining octets—DHCP options

For more information, see RFC 2131—Dynamic Host Configuration Protocol (March 1997) and RFC 2132—DHCP Options and BOOTP Vendor Extensions (March 1997).

domain

- Name of the domain used for secondary authentication.
- Value—Valid domain name
- Example—domain = “ isp99.com”

ifRadiusClass

- RADIUS class attribute on the JUNOS interface.
- Value—RADIUS class name
- 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 JUNOSe 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—Byte array
 - For IPv4 address—4 octets in network byte order
 - For IPv6 address—16 octets in network byte order

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—RADIUS class name
- Example—radiusClass = “ Premium ”

routerName

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

sessionId

- Identifier of RADIUS session for the subscriber session.

serviceBundle

- Content of the RADIUS vendor-specific attribute for the service bundle.
- Value—Name of a service bundle
- Example—serviceBundle = “ goldSubscriber ”

sspHost

- Name of host on which the SAE is installed.

userDn

- DN of a subscriber in the directory.
- Value—DN of a subscriber profile

userIp

- IP address of the subscriber.
- Value—Byte array
 - For IPv4 address—4 octets in network byte order
 - For IPv6 address—16 octets in network byte order

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.