

HARD . IPoE-, Cisco SCE BRAS' (Ericsson SmartEdge 100).

hooks , — .

hooks <hook_type> <hook_name>, <hook_type> — , <hook_instance_name> — .

 hooks <hook_type> default . ActiveMQ, .

 — send_stomp_request. STOMP.

host	IP- , .
port	TCP-, STOMP.
destination	URL-, . ActiveMQ, /queue/<queue_name>, <queue_name> — , .
login	STOMP-.
password	STOMP-.
tags	, . — . condition, tags.
condition	: , , (tags).
body	(-), . — , . — , JSON.

: IPoE-, Cisco SCE

```
hooks:
  send_stomp_request:
    # ActiveMQ
    default:
      host: '192.168.26.47'
      port: 61613
      login: 'hard'
      password: 'F9qqgleDXo3h0dZnirYD'

    # IPoE-
    notify_hap_about_auth_attempt:
      condition: '$context.has_tag?("redirected_to_hap")'
      destination: '/queue/hard_to_hap'
      body:

        ##
        #
        num_N_CPE_ID: '$customer_profile.attributes.try("CPE-Id", "none")'
        # MAC-
        vch_VC_CPE_ADDRESS: '$var.try("Actual-CPE-MAC-Address", "none")'
        # IP-,
        vch_VC_CPE_IP_ADDRESS: '$request.RAD_REQUEST.Framed-IP-Address'
        #
        num_N_OP_EQUIP_ID: '$provider_profile.attributes.try("PE-Switch-Id", "none")'
        #
        num_N_OP_PORT_ID: '$provider_profile.attributes.try("PE-Switch-Port-Id", "none")'
        # ,
        num_N_BOUND_CPE_ID: '$var.CPE-Bound-To-The-Port.try("equipment_id").coalesce("none")'
        # ,
        num_N_BOUND_OP_EQUIP_ID: '$customer_profile.provider_profiles.try(0).try("attributes").try("PE-Switch-Id", "none")'
```

```

#      ,
num_N_BOUND_OP_PORT_ID: '$customer_profile.provider_profiles.try(0).try("equipment_id", "none")'
# MAC-      ,
vch_VC_BOUND_CPE_ADDRESS: '$var.CPE-Bound-To-The-Port.try("CPE-MAC").coalesce("none")'
#      RADIUS-      HARD
dt_D_OPER: '$request.generated_at.to_s("%d.%m.%Y %H:%M:%S")'

##
Session-Info:
#
  Acct-Session-Id: '$request.RAD_REQUEST.Acct-Session-Id'
  # User-Name
  User-Name: '$request.RAD_REQUEST.User-Name'
  # IP-
  NAS-IP-Address: '$request.RAD_REQUEST.NAS-IP-Address'
  #
  New-CPE-Flag: '$customer_profile.attributes.try("CPE-Id").empty?() and $var.CPE-Bound-To-The-Port.try(
("equipment_id").empty?()'

#      Cisco SCE      ,
notify_sce_about_new_session_for_shaping:
  condition: '      $context.has_tag?("new-session")
              and $customer_profile.attributes.try("Service-State") == "SERV_STATE_Provision"
              and not $customer_profile.attributes.Speed-Limit.empty?()'
  destination: '/queue/hard_to_sce-control-tool'
  body:
    Action: "Add policy"
    Session-Id: '$request.RAD_REQUEST.Acct-Session-Id'
    IP-Address: '$request.RAD_REQUEST.Framed-IP-Address'
    Speed-Limit: '$customer_profile.attributes.Speed-Limit'

#
notify_support_team_about_guest_on_empty_port:
  condition: '      $provider_profile.present?()
              and $var.CPE-Bound-To-The-Port.try("equipment_id").empty?()
              and $customer_profile.null?()'
  destination: '/queue/hard_to_support-team-dashboard'
  body:
    Event-Name: "Authorized guest session on unbound switch port"
    Switch-IP-Address: '$provider_profile.attributes.Switch-IP-Address'
    Switch-Port-Number: '$provider_profile.attributes.Switch-Port-Number'
    CPE-MAC-Address: '$var.try("Actual-CPE-MAC-Address")'
    NAS-IP-Address: '$request.RAD_REQUEST.NAS-IP-Address'
    User-Name: '$request.RAD_REQUEST.User-Name'

```

```

plugins base <plugin_instance_name> actions <action_name> hooks, <plugin_instance_name> — , <action_name> —
FreeRADIUS .

```

```

— <hook_type>/<hook_instance_name>, <hook_type> — , <hook_instance_name> — .

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plugins:
...
  base:
    sel100-ipoe:
...
    actions:
...
      authenticate:
...
        hooks:
          - 'send_stomp_request/notify_hap_about_auth_attempt'
          - 'send_stomp_request/notify_support_team_about_guest_on_empty_port'
...
      accounting:
...
        hooks:
          - 'send_stomp_request/notify_sce_about_new_session_for_shaping'
...

```