

# HMED-M

HMED-M (Hydra Mediation — Mediation) . CDR .

. . .

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```
conf/local/mediation/default.yml

sources:
  amqp:
    mediation:
      # CDR
      # HMED-C
      consumer: amqp/mediation

destinations:
  amqp:
    ocs:
      # CDR
      # CDR (HOCS)
      producer: amqp/ocs
    error:
      # CDR,
      producer: amqp/error

handlers:
  default:
    destinations:
      #
      - amqp/ocs
  error:
    destinations:
      # CDR,
      - amqp/error

constants:
  # , $consts
  number_length: 11
  routes: #
    C26052: COMSTAR
    C26053: COMSTAR
  skip_trunks_b: #
    - C30052
    - C30055
    - C30056

workers:
  # ,
  - processor: base/switch # base switch
```

, condition, . . .

(set)

CDR .

:

- **field** – CDR ; \$;
- **value** – .

### (replace)

, .

. , ( , , ).

:

- **field** – CDR, ;
- **map** – « — » ( . ).

### (prepend)

CDR.

:

- **field** – CDR ;
- **string** – .

### (skip)

CDR, .

*condition*, CDR. CDR .

### (if)

. , .

, .

:

- **if** – ();
- **then** – , ;
- **else** – , , .

```
filters:
#
set:
#
short_trunk_a_name:
#
condition: $cdr.trunk_a.like?('^C\d+') #      CDR
field: $trunk_a #
value: $cdr.trunk_a[0:6].upper()
short_trunk_b_name:
condition: $cdr.trunk_b.like?('^C\d+')
field: $trunk_b
value: $cdr.trunk_b[0:6].upper()
full_trunk_a_name:
condition: $trunk_a.empty?()
field: $trunk_a
value: $cdr.trunk_a.upper()
full_trunk_b_name:
condition: $trunk_b.empty?()
field: $trunk_b
value: $cdr.trunk_b.upper()
route_a_by_trunk_a:
field: route_a
```

```

    value: $const.routes[$trunk_a] or $const.telco_route #
route_b_by_trunk_b:
  field: route_b
  value: $const.routes[$trunk_b] or $const.telco_route
route_b_to_primelink:
  condition: $cdr.route_a != $const.telco_route and $cdr.route_b != $const.telco_route
  field: route_b
  value: $const.telco_route
replace:
  #
  station_a_by_trunk:
    # $trunk_a, set-
    condition: $cdr.station_a.length().in?($const.short_numbers_length) and $trunk_a.in?($const.
station_a_replacements_by_trunks)
    field: station_a
    map:
      - '^52144': '781192244'
      - '^52139': '781178739'
      - '^521627': '7811797627'
      - '^44': '781192244'
      - '^39': '781178739'
  leading_8_in_short_station_a:
    condition: $cdr.station_a.length() == $const.short_number_length
    field: station_a
    map:
      - '^8': 7
  leading_8_in_long_station_b:
    condition: $cdr.station_b.length() >= $const.number_length
    field: station_b
    map:
      - '^8': 7
  leading_8_in_short_station_b:
    condition: $cdr.station_b.length() == $const.short_number_length
    field: station_b
    map:
      - '^8': 7
if:
  station_a_length_is_7:
    if: $cdr.station_a.length() == 7
    then:
      - if/telco_short_number
  telco_short_number:
    if: $cdr.station_a.starts_with?('322') and $route_a == $const.pl_route #
    then:
      #
      - prepend/station_a_with('8199')
    else:
      #
      - replace/station_a_by_trunk
prepend:
  telco_819_station_a_with_3221:
    condition: $cdr.station_a.length() == 7 and $route_a == $const.pl_route and $cdr.station_a.starts_with?
('819')
    field: station_a
    string: 3221
  telco_819_station_b_with_3221:
    condition: $cdr.station_b.length() == 7 and $cdr.station_b.starts_with?('819')
    field: station_b
    string: 3221
  tiny_numbers_in_station_b_with_3222:
    condition: $cdr.station_b.length() == 2 or $cdr.station_b.length() == 3
    field: station_b
    string: 3222

```

#### conf/local/mediation/default.yml

```
processors:
  base:
    #
    switch:
      # (/)
      validator: base/main
      #
      filters:
        - skip/if_duration_is_0 # /
        - set/short_trunk_a_name
        - set/full_trunk_a_name
        - set/route_a_by_trunk_a
        - replace/dash_in_station_a_with_zeros
        - if/station_a_length_is_7
        - prepend/telco_819_station_a_with_7499
        #      ,      $args
        #      # $args[1] - , $args[2] - ..
        - prepend/station_a_with('7495')
        - prepend/station_a_with('7')
        - replace/leading_string_in_station_a('8495', '7495')
        - replace/cut_international_prefix_in_station_b
        ...
    map:
      # CDR,
      #
      trunk_a: $cdr.trunk_a
      trunk_b: $cdr.trunk_b
      route_a: $cdr.route_a
      route_b: $cdr.route_b
      station_a: $cdr.station_a
      station_b: $cdr.station_b
      duration_sec: $cdr.duration_sec
      termination_code: $cdr.termination_code
      call_begin: $cdr.call_begin
      call_end: $cdr.call_end
      service_code: "'AS-15'"
```

#### conf/local/mediation/default.yml

```
validators:
  base:
    #
    main:
      fields:
        call_begin: #
          type: float # (integer - , float - , string - )
          required: true # CDR
        station_a:
          type: string
          required: true
          length: #
            min: 11
            max: 15
        service_code:
          type: string
          required: true
          value: AS-15 # ( )
        ...
```

, CDR , CDR, .