```
module: ietf-dots-signal-channel
  +--rw
  +-- dots-signal
     +--rw
     +-- (message-type)?
        +--:(mitigation-scope)
        |  +--rw  +-- scope* [cuid mid] [mid]
        |     +--rw cdid?                        string
        |     +--rw cuid                         string
        |     +--rw     +-- mid                           uint32
        |     +--rw     +-- target-prefix*               inet:ip-prefix
        |     +--rw     +-- target-port-range* [lower-port]
        |     |  +--rw  +-- lower-port    inet:port-number
        |     |  +--rw  +-- upper-port?   inet:port-number
        |     +--rw     +-- target-protocol*            uint8
        |     +--rw     +-- target-fqdn*                 inet:domain-name
        |     +--rw     +-- target-uri*                  inet:uri
        |     +--rw     +-- alias-name*                  string
        |     +--rw     +-- lifetime?                    int32
        |     +--rw     +-- trigger-mitigation?          boolean
        |     +--ro     +-- (direction)?
        |           +--:(server-to-client)
        |              +-- mitigation-start?     uint64
        |     +--ro        +-- status?                   iana-signal:status
        |     +--ro        +-- conflict-information
        |        |  +--ro +-- conflict-status?   iana-signal:conflict-status
        |        |  +--ro +-- conflict-cause?    iana-signal:conflict-cause
        |        |  +--ro +-- retry-timer?       uint32
        |        |  +--ro +-- conflict-scope
        |        |     +--ro     +-- target-prefix*        inet:ip-prefix
        |        |     +--ro     +-- target-port-range* [lower-port]
        |        |     |  +--ro +-- lower-port    inet:port-number
        |        |     |  +--ro +-- upper-port?   inet:port-number
        |        |     +--ro     +-- target-protocol*      uint8
        |        |     +--ro     +-- target-fqdn*          inet:domain-name
        |        |     +--ro     +-- target-uri*           inet:uri
        |        |     +--ro     +-- alias-name*           string
        |        |     +--ro     +-- acl-list* [acl-name]
        |        |     |  +--ro +-- acl-name    -> /ietf-data:dots-data/dots-client/acls/acl/name
        |        |     |  +--ro +-- acl-type?   -> /ietf-data:dots-data/dots-client/acls/acl/type
        |        |     +--ro     +-- mid?                  -> ../../../mid
        |     +--ro        +-- bytes-dropped?             yang:zero-based-counter64
        |     +--ro        +-- bps-dropped?               yang:gauge64
        |     +--ro        +-- pkts-dropped?              yang:zero-based-counter64
        |     +--ro        +-- pps-dropped?               yang:gauge64
        |     +--rw        +-- attack-status?             iana-signal:attack-status
        +--:(signal-config)
        |  +--rw  +-- sid                       uint32
        |  +--rw  +-- mitigating-config
        |  |  +--rw +-- heartbeat-interval
        |  |  |  +--ro +-- (direction)?
        |  |  |  |  +--:(server-to-client)
        |  |  |  |     +-- max-value?   uint16
        |  |  |  +--ro |     +-- min-value?   uint16
        |  |  |  +--rw +-- current-value?      uint16
        |  |  +--rw +-- missing-hb-allowed
        |  |  |  +--ro +-- (direction)?
        |  |  |  |  +--:(server-to-client)
        |  |  |  |     +-- max-value?   uint16
        |  |  |  +--ro |     +-- min-value?   uint16
        |  |  |  +--rw +-- current-value?      uint16
        |  |  +--rw +-- probing-rate
        |  |  |  +--ro +-- (direction)?
        |  |  |  |  +--:(server-to-client)
        |  |  |  |     +-- max-value?   uint16
        |  |  |  +--ro |     +-- min-value?   uint16
        |  |  |  +--rw +-- current-value?      uint16
        |  |  +--rw +-- max-retransmit
        |  |  |  +--ro +-- (direction)?
        |  |  |  |  +--:(server-to-client)
        |  |  |  |     +-- max-value?   uint16
        |  |  |  +--ro |     +-- min-value?   uint16
```

```
| | |  +--rw +-- current-value?    uint16
| | +--rw +-- ack-timeout
| | |  +--ro +-- (direction)?
| | |  | +--:(server-to-client)
| | |  |    +-- max-value-decimal?  decimal64
| | |  +--ro |    +-- min-value-decimal?  decimal64
| | |  +--rw +-- current-value-decimal?   decimal64
| | +--rw +-- ack-random-factor
| |    +--ro    +-- (direction)?
| |    | +--:(server-to-client)
| |    |    +-- max-value-decimal?  decimal64
| |    +--ro |    +-- min-value-decimal?  decimal64
| |    +--rw    +-- current-value-decimal?   decimal64
| +--rw +-- idle-config
|    +--rw    +-- heartbeat-interval
|    |  +--ro +-- (direction)?
|    |  | +--:(server-to-client)
|    |  |    +-- max-value?   uint16
|    |  +--ro |    +-- min-value?  uint16
|    |  +--rw +-- current-value?     uint16
|    +--rw    +-- missing-hb-allowed
|    |  +--ro +-- (direction)?
|    |  | +--:(server-to-client)
|    |  |    +-- max-value?   uint16
|    |  +--ro |    +-- min-value?  uint16
|    |  +--rw +-- current-value?     uint16
|    +--rw    +-- probing-rate
|    |  +--ro +-- (direction)?
|    |  | +--:(server-to-client)
|    |  |    +-- max-value?   uint16
|    |  +--ro |    +-- min-value?  uint16
|    |  +--rw +-- current-value?     uint16
|    +--rw    +-- max-retransmit
|    |  +--ro +-- (direction)?
|    |  | +--:(server-to-client)
|    |  |    +-- max-value?   uint16
|    |  +--ro |    +-- min-value?  uint16
|    |  +--rw +-- current-value?     uint16
|    +--rw    +-- ack-timeout
|    |  +--ro +-- (direction)?
|    |  | +--:(server-to-client)
|    |  |    +-- max-value-decimal?  decimal64
|    |  +--ro |    +-- min-value-decimal?  decimal64
|    |  +--rw +-- current-value-decimal?   decimal64
|    +--rw    +-- ack-random-factor
|       +--ro    +-- (direction)?
|       | +--:(server-to-client)
|       |    +-- max-value-decimal?  decimal64
|       +--ro    |    +-- min-value-decimal?  decimal64
|       +--rw    +-- current-value-decimal?   decimal64
+--:(redirected-signal)
|  +--ro +-- (direction)?
|     +--:(server-to-client)
|        +-- alt-server          string
|  +--ro        +-- alt-server-record*  inet:ip-address
+--:(heartbeat)
   +--rw
   +-- peer-hb-status          boolean
```