

```

module: ietf-dots-signal-channel
+rwstructure ietf-dots-signal-channel:
  +rw dots-signal
    +rw
      +rw (message-type)?
        +rw (mitigation-scope)
          +rw +rw scope* [euid-mid] [mid]
            +rw +rw edid? string
            +rw +rw cuid string
          +rw +rw mid uint32
          +rw +rw target-prefix* inet:ip-prefix
          +rw +rw target-port-range* [lower-port]
            | +rw +rw lower-port inet:port-number
            | +rw +rw upper-port? inet:port-number
          +rw +rw target-protocol* uint8
          +rw +rw target-fqdn* inet:domain-name
          +rw +rw target-uri* inet:uri
          +rw +rw alias-name* string
          +rw +rw lifetime? int32
          +rw +rw trigger-mitigation? boolean
          +rw +rw (direction)?
        +rw (server-to-client)
          +rw +rw mitigation-start? uint64
          +rw +rw status? iana-signal:status
          +rw +rw conflict-information
            | +rw +rw conflict-status? iana-signal:conflict-status
            | +rw +rw conflict-cause? iana-signal:conflict-cause
            | +rw +rw retry-timer? uint32
            | +rw +rw conflict-scope
              | +rw +rw target-prefix* inet:ip-prefix
              | +rw +rw target-port-range* [lower-port]
                | +rw +rw lower-port inet:port-number
                | +rw +rw upper-port? inet:port-number
              | +rw +rw target-protocol* uint8
              | +rw +rw target-fqdn* inet:domain-name
              | +rw +rw target-uri* inet:uri
              | +rw +rw alias-name* string
              | +rw +rw acl-list* [acl-name]
                | +rw +rw acl-name -> /ietf-data:dots-data/dots-client/acls/acl/name
                | +rw +rw acl-type? -> /ietf-data:dots-data/dots-client/acls/acl/type
                | +rw +rw mid? -> ../../mid uint62
            | +rw +rw bytes-dropped? yang:zero-based-counter64
            | +rw +rw bps-dropped? yang:gauge64
            | +rw +rw pkts-dropped? yang:zero-based-counter64
            | +rw +rw pps-dropped? yang:gauge64
            | +rw +rw attack-status? iana-signal:attack-status
        +rw (signal-config)
          +rw +rw sid uint32
          +rw +rw mitigating-config
            | +rw +rw heartbeat-interval
              | | +rw +rw (direction)?
              | | | +rw (server-to-client)
              | | | | +rw max-value? uint16
              | | | | +rw min-value? uint16
              | | | +rw current-value? uint16
              | | +rw missing-hb-allowed
              | | | +rw (direction)?
              | | | | +rw (server-to-client)
              | | | | | +rw max-value? uint16
              | | | | | +rw min-value? uint16
              | | | | +rw current-value? uint16
              | | +rw probing-rate
              | | | +rw (direction)?
              | | | | +rw (server-to-client)
              | | | | | +rw max-value? uint16
              | | | | | +rw min-value? uint16
              | | | | +rw current-value? uint16
              | | +rw max-retransmit
              | | | +rw (direction)?
              | | | | +rw (server-to-client)
              | | | | | +rw max-value? uint16
              | | | | | +rw min-value? uint16

```

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| | | +---rw +--- current-value?      uint16
| | | +---rw +--- ack-timeout
| | | +---ro +--- (direction)?
| | | +---:(server-to-client)
| | | | +--- max-value-decimal?      decimal64
| | | | +--- min-value-decimal?      decimal64
| | | | +---rw +--- current-value-decimal?      decimal64
| | | +---rw +--- ack-random-factor
| | | +---ro +--- (direction)?
| | | | +---:(server-to-client)
| | | | | +--- max-value-decimal?      decimal64
| | | | | +--- min-value-decimal?      decimal64
| | | | +---rw +--- current-value-decimal?      decimal64
| +---rw +--- idle-config
| | +---rw +--- heartbeat-interval
| | | +---ro +--- (direction)?
| | | | +---:(server-to-client)
| | | | | +--- max-value?      uint16
| | | | | +--- min-value?      uint16
| | | | | +---rw +--- current-value?      uint16
| | | +---rw +--- missing-hb-allowed
| | | +---ro +--- (direction)?
| | | | +---:(server-to-client)
| | | | | +--- max-value?      uint16
| | | | | +--- min-value?      uint16
| | | | | +---rw +--- current-value?      uint16
| | | +---rw +--- probing-rate
| | | +---ro +--- (direction)?
| | | | +---:(server-to-client)
| | | | | +--- max-value?      uint16
| | | | | +--- min-value?      uint16
| | | | | +---rw +--- current-value?      uint16
| | | +---rw +--- max-retransmit
| | | +---ro +--- (direction)?
| | | | +---:(server-to-client)
| | | | | +--- max-value?      uint16
| | | | | +--- min-value?      uint16
| | | | | +---rw +--- current-value?      uint16
| | | +---rw +--- ack-timeout
| | | +---ro +--- (direction)?
| | | | +---:(server-to-client)
| | | | | +--- max-value-decimal?      decimal64
| | | | | +--- min-value-decimal?      decimal64
| | | | | +---rw +--- current-value-decimal?      decimal64
| | | +---rw +--- ack-random-factor
| | | +---ro +--- (direction)?
| | | | +---:(server-to-client)
| | | | | +--- max-value-decimal?      decimal64
| | | | | +--- 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

```