ASdm YANG Draft
Questions / Discussion

based on D1.1 and comment resolution on 2023-07-10

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Tree view of 1st draft version

```
module: ieee802-dotlas-hs

  augment /ptp:ptp/ptp:instances/ptp:instance:
    +--rw ptp-instance-sync-ds
    |  +--ro ptp-instance-state?                    ptp-instance-state-type
    |  +--rw offset-from-master-threshold?          ptp:time-interval
    |  +--rw rx_slave-port-sync-count-threshold?    uint32
    |  +--rw thresh-exceedance?                     uint32
    |  +--rw thresh-in-ranges?                      uint32
    +--rw drift-tracking-ds
       +--rw drift-tracking-tlv-support?    boolean
  augment /ptp:ptp/ptp:instances/ptp:instance/ptp:ports/ptp:port/ptp:port-ds:
    +--rw gptp-capable-state-machines-enabled?    boolean
  augment /ptp:ptp/ptp:instances/ptp:instance/ptp:ports/ptp:port/ptp:port-ds/dotlas-ptp:port-statistics-ds:
    +--ro rx-sync-count-slave-p?    uint32
  augment /ptp:ptp/ptp:common-services:
    +--rw hot-standby-system
       +--rw hot-standby-sytem-list* [hot-standby-system-index]
          +--rw hot-standby-system-index              uint8
          +--rw hot-standby-system-ds
          |  +--rw primary-ptp-instance-index?            uint32
          |  +--rw secondary-ptp-instance-index?          uint32
          |  +--rw hot-standby-system-enable?             boolean
          |  +--ro hot-standby-system-state?              hot-standby-system-state-type
          |  +--rw hot-standby-system-log-sync-time-threshold?    int8
          |  +--rw hot-standby-system-split-functionality?    boolean
          |  +--ro primary-secondary-offset?              dotlas-ptp:scaled-ns
          |  +--rw primary-secondary-offset-threshold?    dotlas-ptp:scaled-ns
          +--rw hot-standby-system-description-ds
             +--rw user-description?    string
```

hss vs. hot-standby-system

- Should the container in common-services be named hot-standby-system or hss (P1588e is using the shortcut cmlds at this level)

```
+--rw common-services
   +--rw cmlds {cmlds}?
   |  +--rw default-ds
   |  |  +--ro clock-identity?      clock-identity
   |  |  +--ro number-link-ports?   uint16
   |  +--rw ports
```

Is the key to be specified as managed object?

- A YANG list requires a key

```
augment /ptp:ptp/ptp:common-services:
  +--rw hot-standby-system
    +--rw hot-standby-sytem-list* [hot-standby-system-index]
      +--rw hot-standby-system-index          uint8
      +--rw hot-standby-system-ds
```

- Is it necessary to specify hot-standby-system-index in clause 14?

Are the enumeration values to be specified in Clause 14?

- Clause 14 does not specify specific values for the enumeration values. Is that ok or are the values to be specified?

```
typedef ptp-instance-state-type {
  type enumeration {
    enum not-capable {
      value 0;
      description
        "For all enabled PTP ports, asCapable is FALSE, i.e., the neighbor is not
            exchanging the messages that are required for conformance to this standard.";
    }
    enum synced {
      value 1;
      description
        "Time is synchronized to the requirements of this standard (see 17.5.3 and 17.5.4), or to
            the requirements specified by a profile standard.";
    }
    enum not-synced {
      value 2;
      description
        "On the PTP Port in SlavePort state, the port failed to receive time synchronization
            event messages or is not synchronized according to the requirements of this standard (see 17.5.3 and
            17.5.4), or to the requirements specified by a profile standard.";
    }
    enum initializing {
      value 3;
      description
        "Time synchronization does not conform to the requirements of this standard.";
    }
  }
}
```

Should a „feature" statement be used for hot-standby specific nodes?

- It was possible to make the hot-standby specific nodes conditional via a feature-statement

- Is this wanted?

Thank you.
Any questions?