

# **YANG Data Model for IEEE 1588v2**

**draft-ietf-tictoc-1588v2-yang-06**

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# *Status of the draft*

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- **Last call of draft-ietf-tictoc-1588v2-yang-05**
  - ✓ Received quite a lot of good suggestions & comments from TICTOC, NETMOD and IEEE 1588 participants
  - ✓ All suggestions & comments are carefully considered, and the resolutions are well discussed on the lists
  
- **Update to draft-ietf-tictoc-1588v2-yang-06**
  - ✓ All LC resolutions in consensus are incorporated
  - ✓ most groupings are dropped, and their codes are moved to containers respectively
  - ✓ The module tree has gone through a few changes

# YANG Hierarchy

```
module: ietf-ptp-dataset
```

```
  +--rw ptp
```

```
    +--rw instance-list* [instance-number]
```

```
      +--rw instance-number      uint16
```

```
      | + .....
```

```
      +--rw default-ds
```

```
        +--rw clock-identity? clock-identity-type
```

```
        | + .....
```

```
      +--rw port-ds-list* [port-number]
```

```
        +--rw port-number      uint16 => ../port-identity/port-number
```

```
        +--rw port-identity
```

```
          +--rw clock-identity? clock-identity-type
```

```
          +--rw port-number? uint16
```

```
      +--rw transparent-clock-default-ds
```

```
      | + .....
```

```
      +--rw transparent-clock-port-ds-list* [port-number]
```

```
        +--rw port-number      uint16 => ../port-identity/port-number
```

```
        +--rw port-identity
```

```
        | +--rw clock-identity? clock-identity-type
```

```
        | +--rw port-number? uint16
```

```
        +--rw clock-identity? clock-identity-type
```

1. Module name is simplified;
2. Add a top root node "ptp"

3. Remove port-identity
4. port-number is a uint16 now
5. Reuse clock-identity in default-ds

6. port-number is a uint16 now
7. Remove port-identity
8. clock-identity inserted

# *Next Step*

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- After the LC period and after publication of the new revision **06**, **we** received a couple of more comments
  - Purely editorial or explanatory ones will be reflected in the next revision
  - Regarding to introductory texts, no dramatic change is needed
- Do we need another WG Last Call? Or send it to IESG for approval?

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*Thank You*