A Common YANG Data Model for Scheduling

draft-ietf-netmod-schedule-yang-03

NETMOD WG

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Document Status Since IETF #120

- YANGDOCTOR review of -02
  - Thanks to Reshad Rahman for the careful review
  - No major issue was found (see next slide for more details)

- -03 was posted to resolve YANGDOCTOR review and offline comment about handling conflicts

Document Updates Since IETF #120

- Define "frequency" and "interval" terms
- Features, grouping and parameters renaming for, e.g., ease of understanding:
  - Features: “basic-recurrence-supported”-> “basic-recurrence”; “icalendar-recurrence-supported”-> ”icalendar-recurrence”
  - Groupings: "recurrence" -> "recurrence-basic"
  - Parameter nodes: “date-time-start" -> “start-time”, “recurrence-bound”-> ”recurrence-end”
- Clarify that detection and resolution of schedule conflicts are beyond the scope of this document
- Fix JSON examples of schedule format representation so that they can be validated
- Exemplify the difference between "max-allowed-end" and "validity" parameters inside "generic-schedule-params" grouping

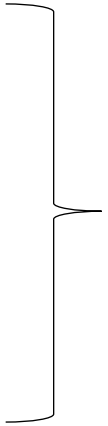
Next Steps

- There is ***no pending*** issue so far
- The authors believe the document is ***stable***
- The authors ***request WGLC***
  - Suggest the WGLC to also be sent to the following WGs: TVR(Time-Variant Routing), OPSAWG, CALEXT(Calendaring Extensions)
- Request the following ***directorate reviews with the WGLC***
  - OPSDIR, RTGDIR, INTDIR, IOTDIR, ARTART

backup

Groupings in schedule YANG model

- generic-schedule-params
  - A set of parameters used by a system for validating requested schedules
- period-of-time
  - Representation of a precise period of time
- recurrence-basic
- recurrence-utc
- recurrence-with-time-zone
- recurrence-utc-with-date-times
- recurrence-time-zone-with-date-times
- icalendar-recurrence
- schedule-status
  - Scheduling management/status exposure
- schedule-status-with-name
  - Scenario where multiple scheduling contexts exists



- in modular approach for better flexibility
- at different levels of complexity
- icalendar-recurrence refers to RFC 5545