System-defined Configuration
draft-ma-netmod-with-system-03

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Recap

• Has inspired a lot of good discussion and great input!
  • Thank you!
    — Jason, Rob, Jurgen, Andy, Martin, Sergio, Balazs, Lou...

• We have reached following agreements based on our discussion:
  • A config true, read-only <system> datastore to hold configuration which is provided by the system itself
  • Any referenced system configuration in <system> MUST be present in <running>
  • A “resolve-system” parameter which controls whether to allow a server to copy any referenced system-defined configuration automatically
  • If the “resolve-system” parameter is not given by the client, the server SHOULD NOT modify <running> in any way not specified by the client
Document updates Since IETF 113

• Thanks Balazs for your review!
• Changes from v-02 to v-03 according to WG feedback
  • Change the system behavior of modifying running from “MUST NOT” to “SHOULD NOT” if the “resolve-system” parameter is not given by the client;
  • Define a RESTCONF capability URI for “resolve-system” RESTCONF query parameter;
  • Augment <copy-config> RPC operation to support "resolve-system" as input parameter;
  • Editorial changes for clarification and explanation, which includes:
    • More clear definition of system config: states that system config is created in <system> and appears in <intended>; applied system config also appears in <operational> with origin=“system”
    • Make it clear that <system> must always be valid
    • Make it clear that any update of <system> will not cause the automatic update of <running>
    • Clarify the relationship between “read-only to clients” and “overriding system configuration”, which seems contradictory at first glance
Comments, Questions, Concerns?