

System-defined Configuration

draft-ietf-netmod-system-config-09

NETMOD WG

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on behalf on authors and contributors

Document Status Since IETF #120

- Second WGLC on -08
- Some push-back comments from the WG:
 - “The solution proposes both to merge <system> into <running> and also define how system config is copied into <running>, you either do copy to <running> or merge to <intended>.”
 - “There seem to be NBC changes being made to the behavior of the conventional non-NMDA clients that expect the combined config from <running>.”

Document Updates

-09 reflects a much simpler and cleaner solution:

- Remove the copy-related sections, e.g., explicit declaration of system config, “resolve-system” parameter definition.
 - Copying has deviated from the original intention of setting some system config for the convenience of clients
 - Copying is not needed in the long run
 - Avoid lots of complexities: copy-all vs. copy-min, deal with stale copy, expensive implementation of auto-copying, etc.
 - This doesn’t prevent clients from copying any system config into <running>, but it should be treated as client-provided config
- Add applicability statement: “The solution defined in this document requires the use of NMDA for both clients and servers.”
 - The server can validate <running> by effectively validating <intended>
 - Clients would understand <running> alone may not be valid, if there is inactive config, unexpanded templates, and dangling reference to system config.

Comments, Questions, Concerns?