

# SONiC WebNMS



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# SONiC Web-based Network Management System

- The primary way to configure SONiC is via CLI
- CLI modifies Config DB
- Batch operations are time consuming
- SONiC currently does not have a web based NMS
- For smaller setups/POC and unit testing, it would be good to have a simple NMS that can do the basic get/set configurations and monitoring..
- <https://github.com/json-editor/json-editor> describes a JSON Editor that takes a JSON Schema and uses it to generate an HTML form.
- When SONiC boots up, we can use a startup system service that can generate a JSON schema (from config\_db and other SONiC device artifacts) so that a basic HTML NMS can be provided.

