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](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.