

OpenConfig in reality

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Myth:

Nobody uses OpenConfig except Google!

- False.
- Also false: OpenConfig development has not stalled.
- True that one leading member produced a significant amount of the OpenConfig modules, but not without significant collaboration with other operators.
- OpenConfig community has several other active network operator members; ISP's and enterprises are represented.
- There are several production implementations across the members.

Issue:

OpenConfig has too many gaps in coverage!

- Corollary: *“I’m waiting for OpenConfig to be complete/bigger/better.”*
- It is true that OpenConfig does not cover every possible value that can be configured on/retrieved from devices.
- But it does not intend to – OpenConfig is very operator use-case driven.
- This means the things that operators require are the items that those operators model; development tends to be iterative.
- Important to work out how your use cases map to OpenConfig to properly identify the gaps.

Myth:

Vendors do not support OpenConfig!

- False.
- All the well-known vendors have some degree of OpenConfig support and some degree of commitment to expand this support.
- The implementation details vary, but in most cases involves on-the-device translation. One vendor can do this translation bidirectionally.
- Vendors need to hear from operators that there is interest in OpenConfig, and where to focus their attention.

Where next?

- Continue to work with the OpenConfig community to increase coverage for our use cases. Your help is welcome!
- Continue to work with vendors to increase their coverage of the models. Your help is welcome!
- Several projects in flight.
- If there's interest, happy to discuss in more detail.
- We hope to present at a future NANOG with some more detailed operational experience.

Questions?