Operational State Issues

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Use Cases

❶ Parameters with "dual" character, where the value used operationally may differ from configured value.

An example is an IP address: currently *ietf-ip* doesn't allow the client to learn the address that's in operational use.

❷ The "fast path": ability to change state without intervening data stores, or with non-NETCONF data stores.

The motivation for this WG should be to make these new methods play well with NETCONF.

❸ Information about system inventory, i.e. installed hardware, software options etc.

For example, this is where a client can find out the system names and locations of interfaces.

❹ Default list contents: list entries that cannot be deleted but need to coexist with other (configured) entries in the same list.

Example: the main routing table is created by the system, but additional tables may be configured.