

YANG Model Open Issues

draft-ietf-lmap-yang-06

Jürgen Schönwälder
Jacobs University Bremen

#1: Why is the device-id configurable?

- Issue:
 - Why is the device-id configurable? Should the device not report its own id without explicitly configuring it?
- Proposal:
 - Discussed in the context of the information model
 - Carry the solution over to the YANG data model

#2: Optional objects due to sensitivity

- Issue:
 - Some objects in the information model (e.g., agent-id) are marked optional because of sensitivity considerations
 - Since there is an access control model, it would feel more natural to make these objects mandatory in YANG and leave it to the access control model to prevent access to them in deployments where this is needed
- Proposal:
 - Do nothing, having optional objects is not a problem
 - Not all implementations can be expected to implement the NACM access control model

#3: Avoid data model overlap

- Issue:
 - /lmap-state/agent/{hardware,firmware,device-id} overlap with /system-state/platform/{machine,os-release/os-version} and the upcoming ietf-hardware data model provides a URI for hardware components
 - Shall we remove the {hardware,firmware,device-id}?
- Proposal:
 - Remove the redundant hardware and firmware leafs in favor of the corresponding ietf-system definitions (RFC 7317)
 - The device-id does not seem to match anything in ietf-system, the closest is /hardware-state/component/uri defined in ietf-hardware (work in progress in the NETMOD working group)
 - Add text to section 3 pointing to the places where these objects can be found (these are non-blocking informative references)

Next steps

- Editor action:
 - Minor edits needed to implement the resolution of the three issues
 - Post draft-ietf-lmap-yang-07
- Chairs action:
 - Check the resolution of the yang-doctor review comments with Martin in draft-ietf-lmap-yang-07
 - WG last call on -07 may be the next step
- WG member actions
 - Document review