

Core Working Group Agenda (26-July-2018)

Attendees:

Old Business

- Binary Serialization
 - CBOR is the recommendation, vote confirmed by TSC
 - Trevor deliverable – Revise CBOR flow diagram to integrate comments from last week
 - Hitachi confirmed MQTT would be the primary device protocol, but could also be HTTP
 - Article circulated via TSC Core list on Mongo binary support
 - <https://alexmarquardt.com/2017/03/02/trade-offs-to-consider-when-storing-binary-data-in-mongodb/>
- Package restructuring is underway for separation of external/internal models and encapsulation.
 - Core/support services have been moved.
 - Export services still need to be moved.
 - Reviewed with Tony last Friday
 - Sent email RE: issues with Mongo coupling in models

New Business

- Mongo driver
 - The one currently in use is unmaintained
 - <https://godoc.org/gopkg.in/mgo.v2>
 - Should we look at official MongoDB driver for Go?
 - <https://github.com/mongodb/mongo-go-driver>
 - Unfortunately, Alpha 9 ☹
 - Is Mongo even in our future for reference implementation? If not, what's the alternative?
- FYI – First draft of configuration V2 structure is done. Present to community for comment.
 - Vault/Consul interaction and handling of secrets is an open question
- From Steve Oss – JSON vs Text in API Response
 - Negative impacts on blackbox testing
 - Some endpoints just return words (like “pong”)
 - Make these into simple types?

- In cases where “true” / “false” are returned, can we utilize HTTP status codes instead?