

Some comments on the IODEFv2 schema

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Issue1: Schema itself was not validated correctly

- Change #1: unnecessary space in the schemaLocation of xmldsig-core-schema.xsd was removed
- Change #2: unnecessary space in the schemaLocation of iodef-enum-1.0.xsd was removed
- Change #3: unnecessary space in the schemaLocation of iodef-sci-1.0.xsd was removed

Issue2: Examples attached to the RFC7970 were not validated correctly

- Change #4 The minOccurs of the URL was defined in the TreatActor class. (Otherwise, the schema does not allow us to omit the URL element.)
- Change #5 The enum values of the type attribute in BulkObservable class do not have “fqdn” value. (no changes were made)
 - Neither the schema nor the mainbody text do not define the “fqdn” value in the enum value.
 - We may use “ext-value” for expressing “fqdn” in the example, or add “fqdn” value in the enum values.
- Change #6 the “ext-value” is not supported by the above enum value. Therefore, the bulkobservable-type-type was fixed to allow the value “ext-value”.

Note that I’ve changed the schema believing that the main body text and the examples are correct, but we may change the body text and examples instead of changing the schema.

Issue 3: some comments on the mailing list

- “The only objection I had was on your comment (3). The xml:lang attribute in the iodef document is optional in the text in <https://tools.ietf.org/html/rfc7970#section-3.1> but I see that in the XML schema it is not optional. Hmm, maybe this should be errata for RFC7090?” (from Panos Kampanakis)

Some more comments

- Depending on how we fix the problem, rfc 7970 may require correction.
- It would be nice if JSON description is also supported. (STIX 2.0 mainly supports JSON)