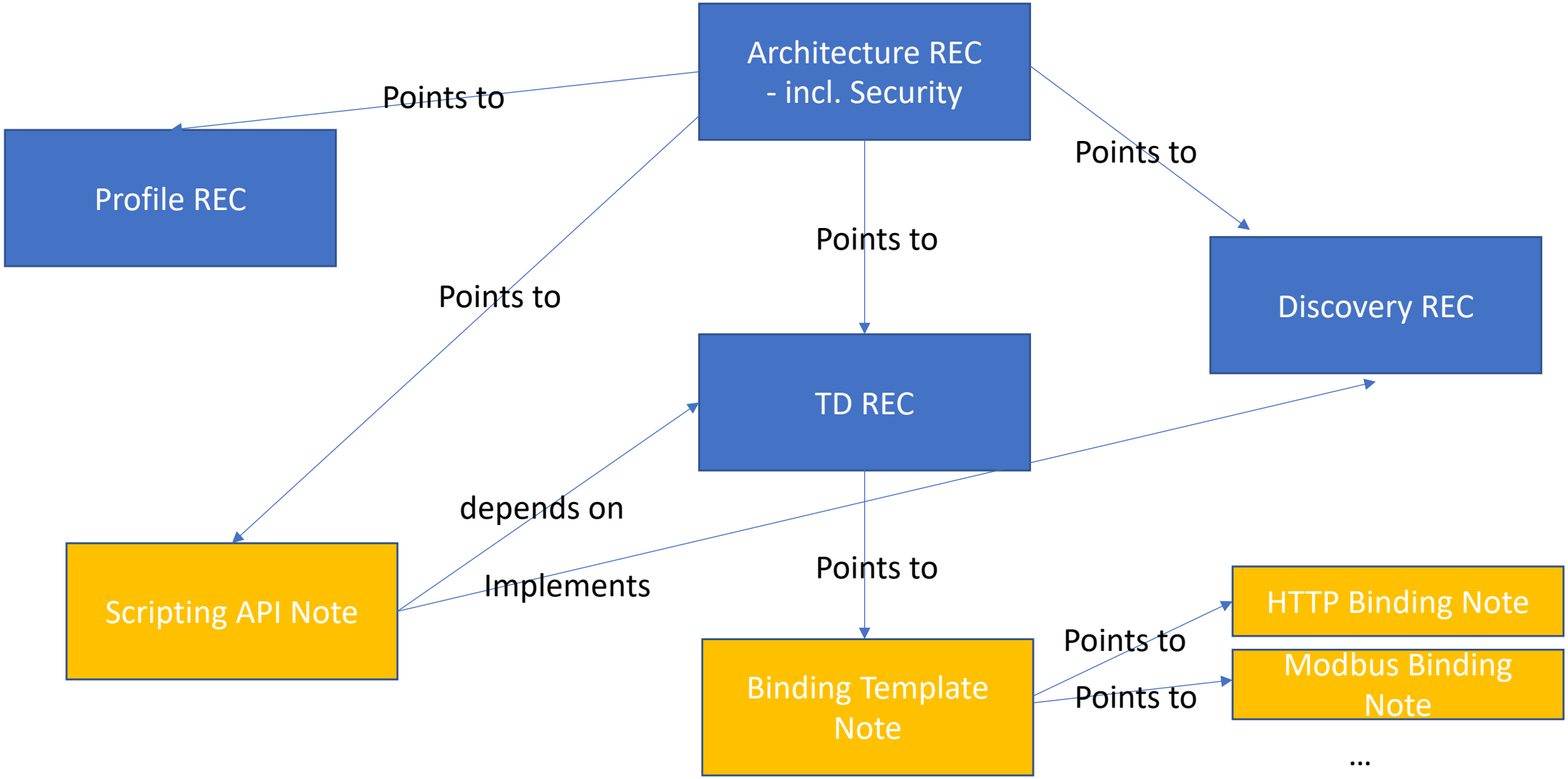
WoT 1.1 Overview

Security Note

Use Case Note

Provides inputs for Arch, Discovery, TD and Binding



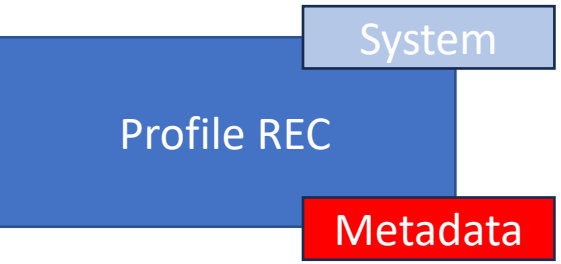
WoT 2.0 Plans

System

Metadata

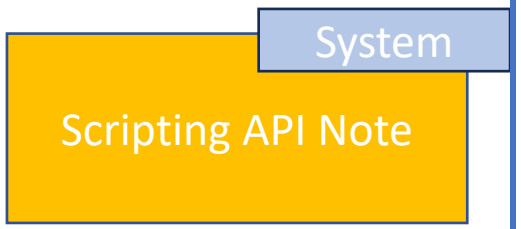
Guidelines

Backlog:

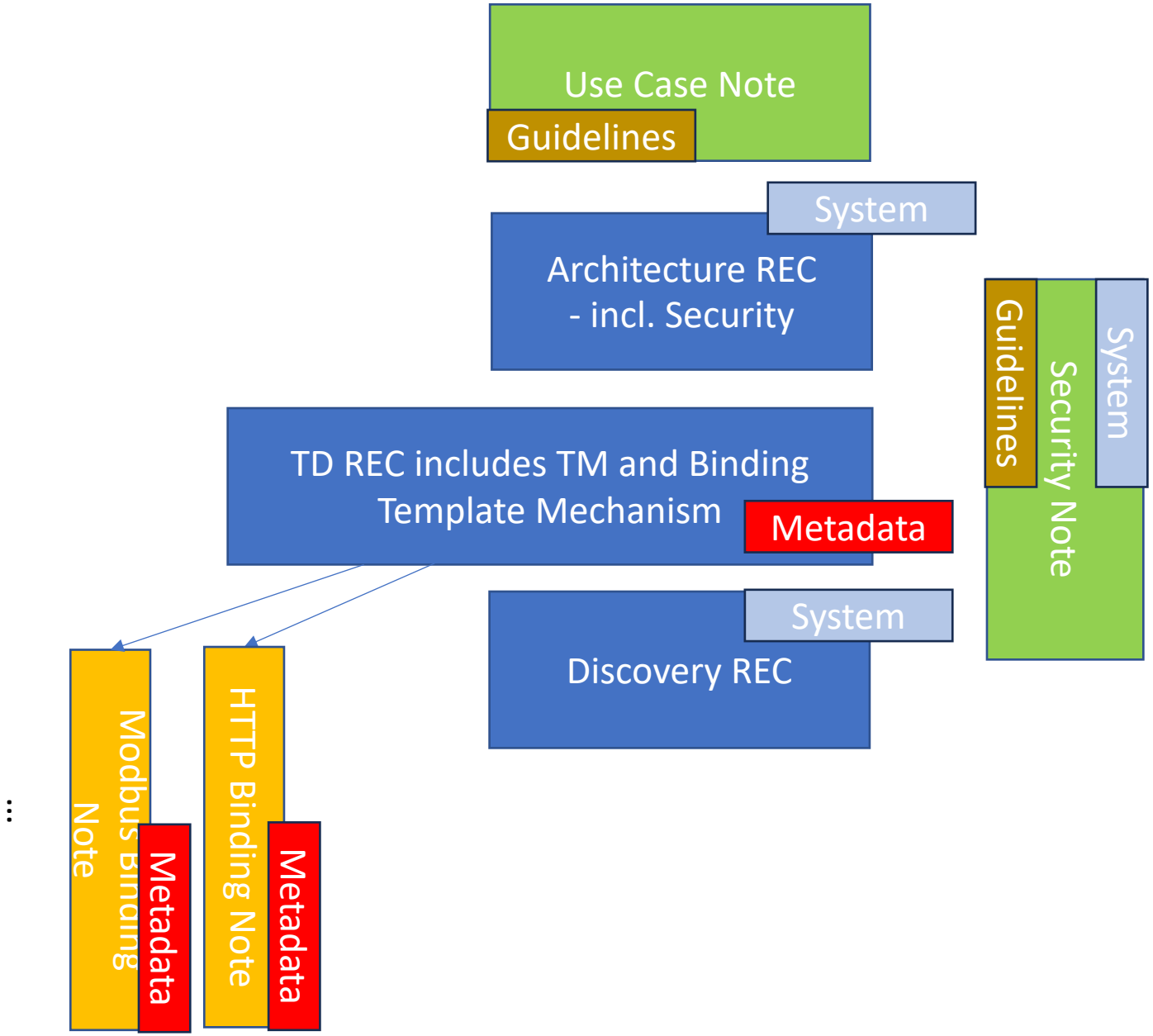


Points to

Points to



Where should Onboarding go?

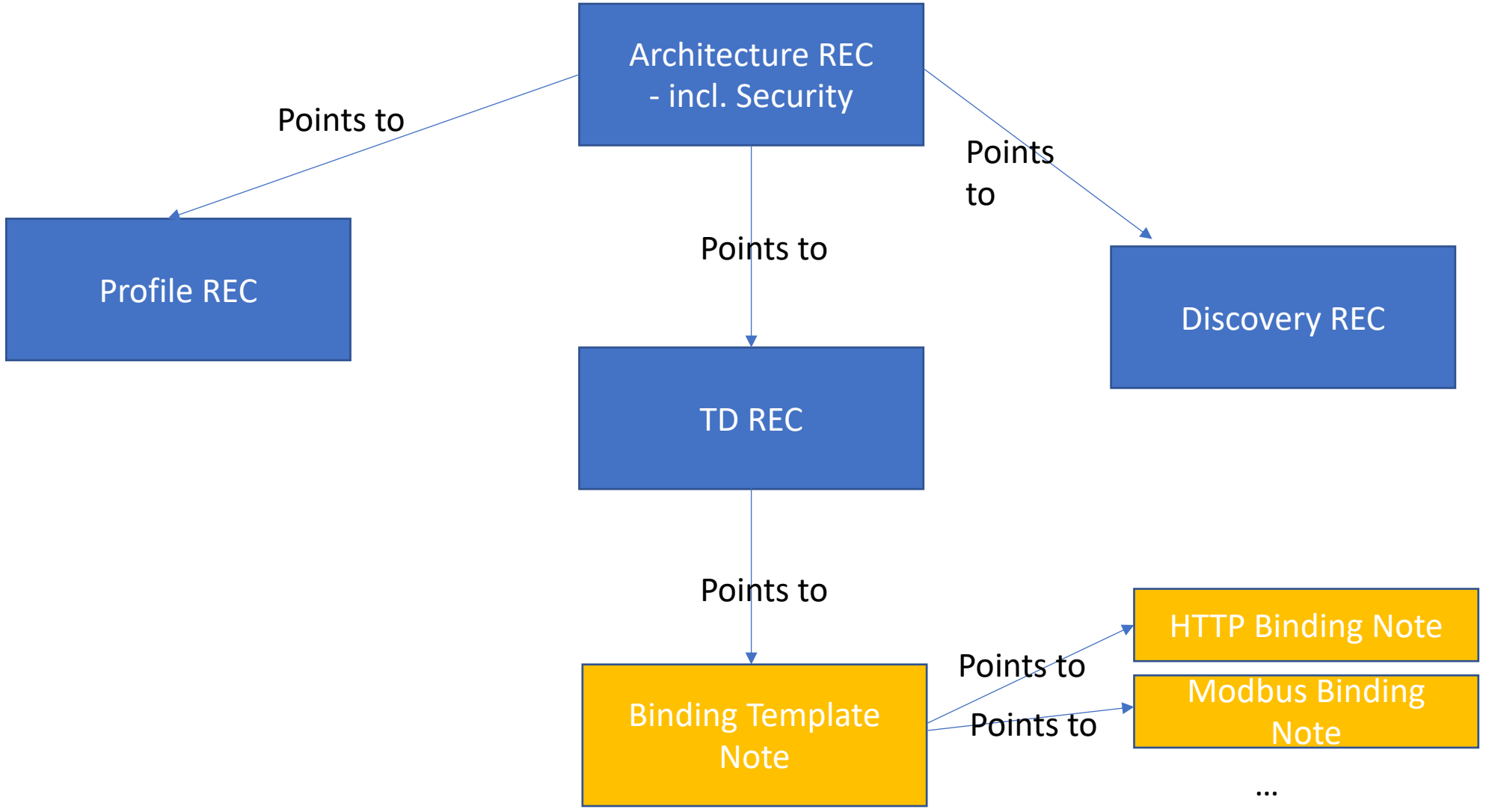


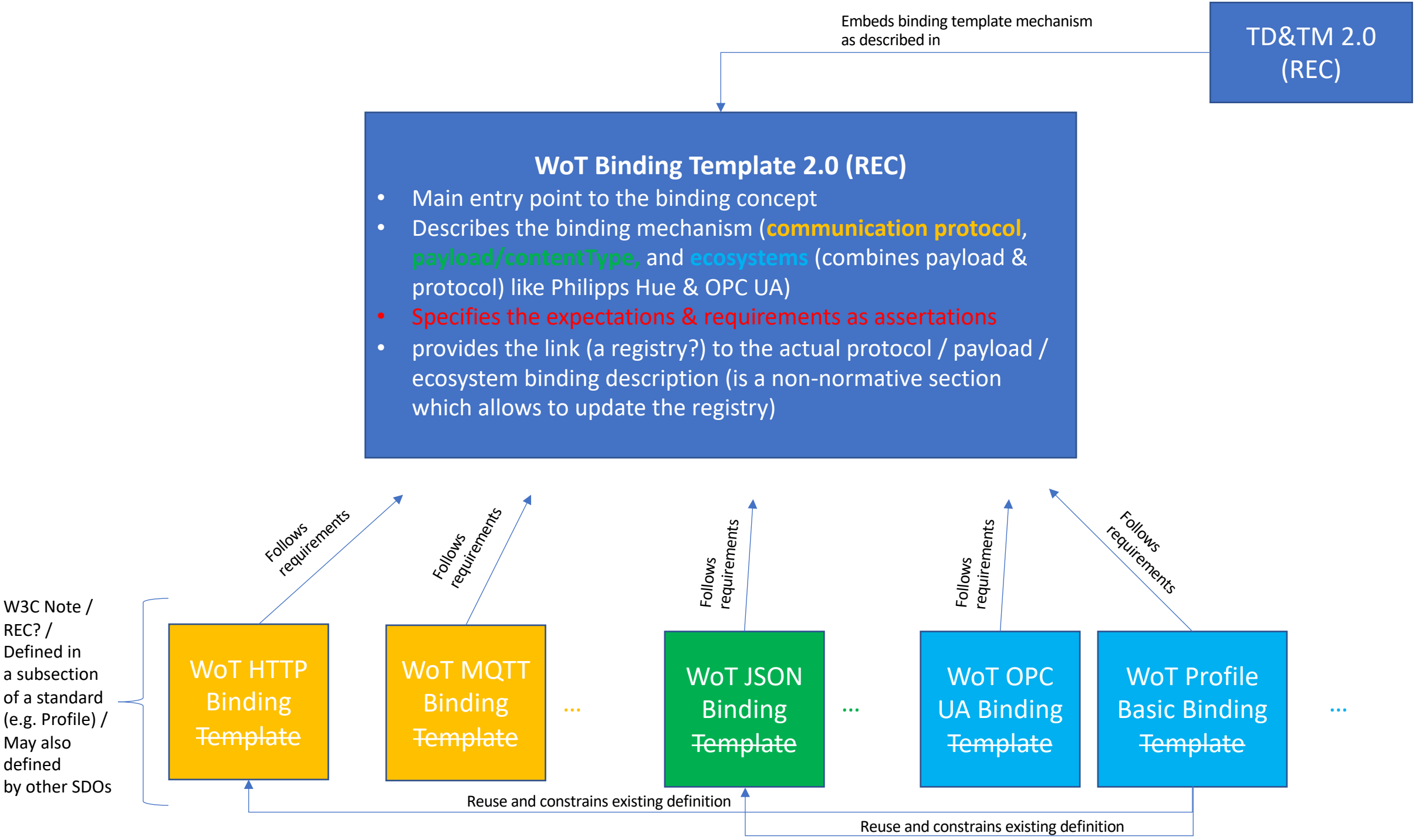
WoT 2.0 Overview (Draft)

Security Note

Use Case Note

Provides inputs for Arch, Discovery, TD and Binding




Embeds binding template mechanism as described in
TD&TM 2.0 (REC)
WoT Binding Template 2.0 (REC)
• Main entry point to the binding concept
• Describes the binding mechanism (communication protocol, payload/contentType, and ecosystems (combines payload & protocol) like Philipps Hue & OPC UA)
• Specifies the expectations & requirements as assertations
• provides the link (a registry?) to the actual protocol / payload / ecosystem binding description (is a non-normative section which allows to update the registry)
Follows requirements
Follows requirements
Follows requirements
Follows requirements
Follows requirements
W3C Note / REC? / Defined in a subsection of a standard (e.g. Profile) / May also defined by other SDOs
WoT HTTP Binding ~~Template~~
WoT MQTT Binding ~~Template~~
...
WoT JSON Binding ~~Template~~
...
WoT OPC UA Binding ~~Template~~
WoT Profile Basic Binding ~~Template~~
...
Reuse and constrains existing definition
Reuse and constrains existing definition

TD & TM 2.0 REC vs TD 2.0 REC & TM 2.0 REC

DRAFT

TD&TM 2.0 (REC)

- TM/TD should be better conceptional designed in the document.
  → Begin with TM and then go to TD (however, TM can be also seen as an extension of a TD)

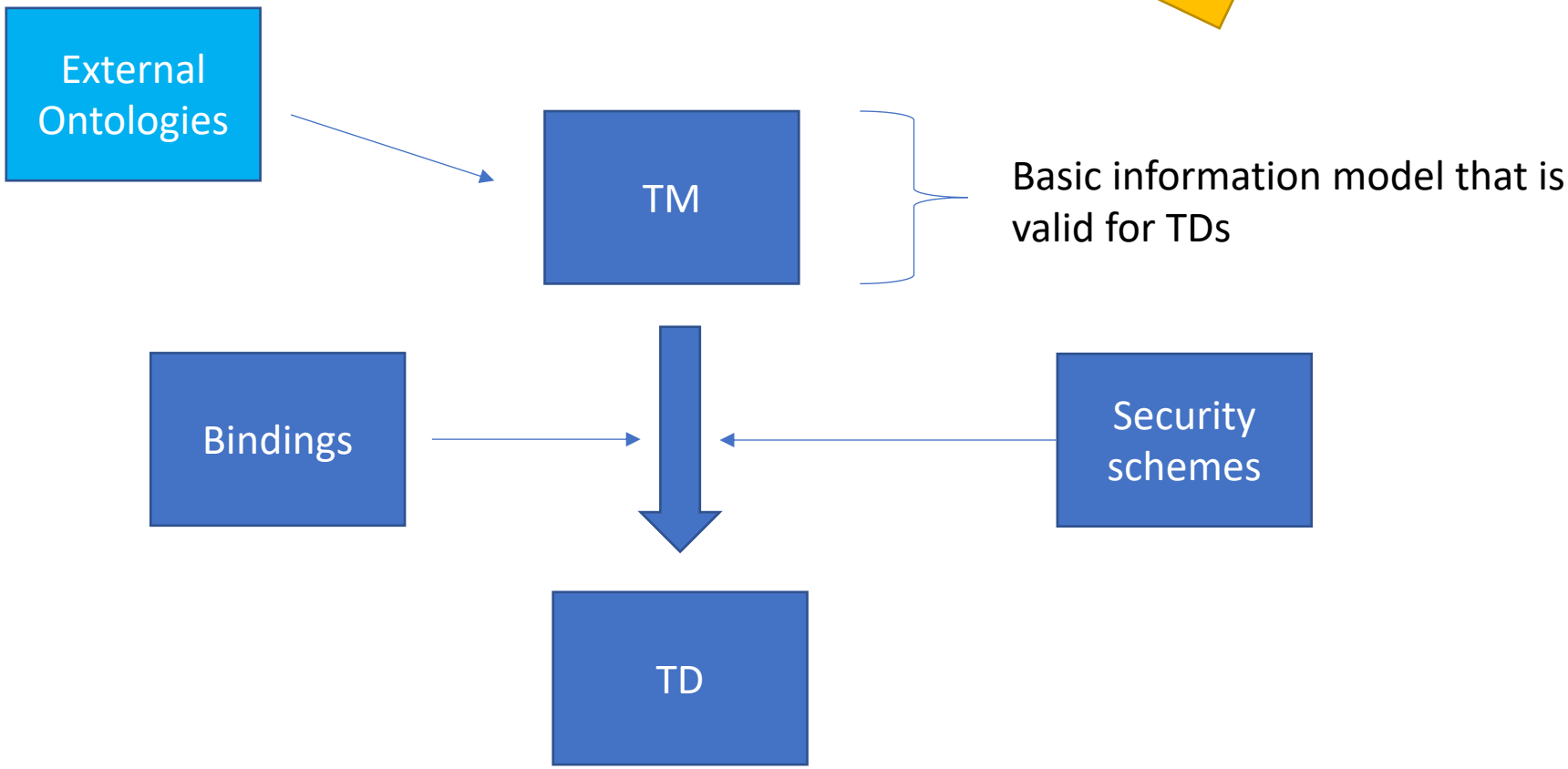
+ not another REC for TM

TD 2.0 (REC)

TM 2.0 (REC)

+ Lightweight documents
+ Easier to find “Thing Model” definitions
+ Standalone documents are more suitable for newcomers
+ TM can maintain its own ontology definition (which will be the identical one as the TD ontology, however, uses a different namespace)

- Too many duplicated definitions?
- complicate to sync
- Too many RECs

Basic Structure of TD & TM 2.0 REC

DRAFT