

I tried to collect all the topics we ever wanted to cover in the rm report to agree on the scope for v3.

- The first list contains the things we already decided to cover in v3,
- the second list is an aggregation of the things we wanted to cover at some point,
- and the links are mostly just for me for when i'm writing the report

v3 list (WIP):

- Applications:
- [Add ReadInterface

and projection functions](<https://research.anoma.net/t/application-read-write-interfaces/661/1>), adapt the rest of the application definition

- Application composition types: how do they relate to each other? Can we define them in a more unified manner?
- [Add ReadInterface

and projection functions](<https://research.anoma.net/t/application-read-write-interfaces/661/1>), adapt the rest of the application definition

- Application composition types: how do they relate to each other? Can we define them in a more unified manner?
- Restructure the paper to have clearer separations between motivations, definitions, and the rest
- Storage writes as defined [here](#) (Isn't it already in the report? Verify)
- Extract "optional" transaction fields that aren't required to verify the state transition but hint at smth (IFC predicate, preference function)

Backlog:

- [The list of the topics not yet covered from the rm brainstorming topic](#)
- [The list of the topics not yet covered from the v2 scope](#)
- Generalise nullifier public key to a commitment with specified properties (binding but not necessarily hiding, etc)
- Standardize and extract the general notation for everything defined in the report (definitions, interfaces, type theory, etc)
- Use commitments to public inputs instead of commitments, nullifiers, etc directly to fix the public input size for variable-size txs (merkle tree)

Links:

- [Applications and service commitments](#)
- [Collective curation of topics to go in resource machine report v2](#)
- [Stored data format: resource machine <> storage](#)
- [\[Proposal\] Scope refinement for resource machine report v2](#)
- [Application read & write interfaces](#)

[@cwgoes](#) in addition to the things already mentioned in the v3 list, what do we want to cover in v3? I didn't add the things that were explicitly listed as "v3 topics" [here](#) because I think we should re-evaluate