

# Architecture Reboot?

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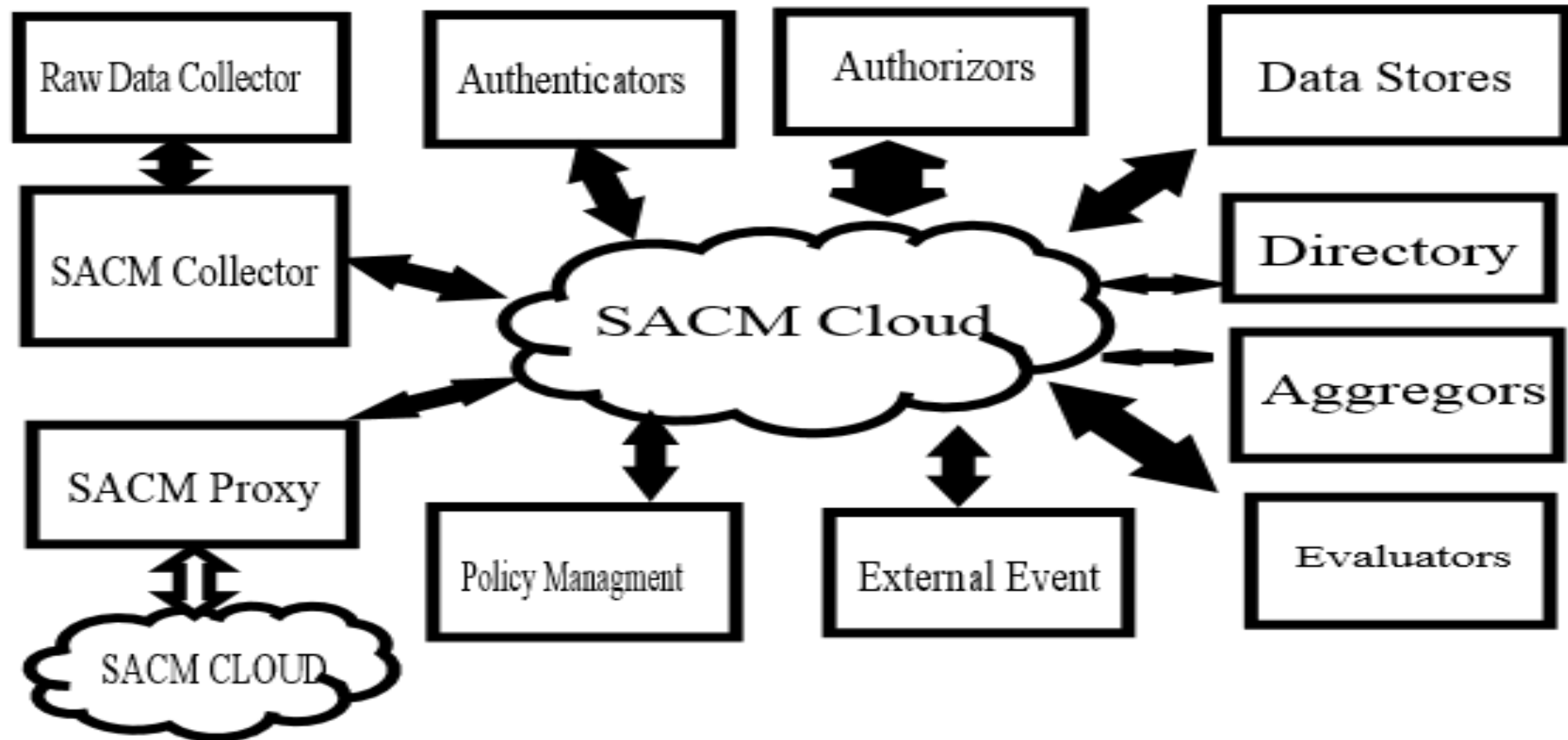
# Document Aims

- Stand alone document
- Written for outsiders
- What pieces make up the system
  - Existing protocols
  - Work to be completed
  - Work to be ignored
- How do those pieces go together

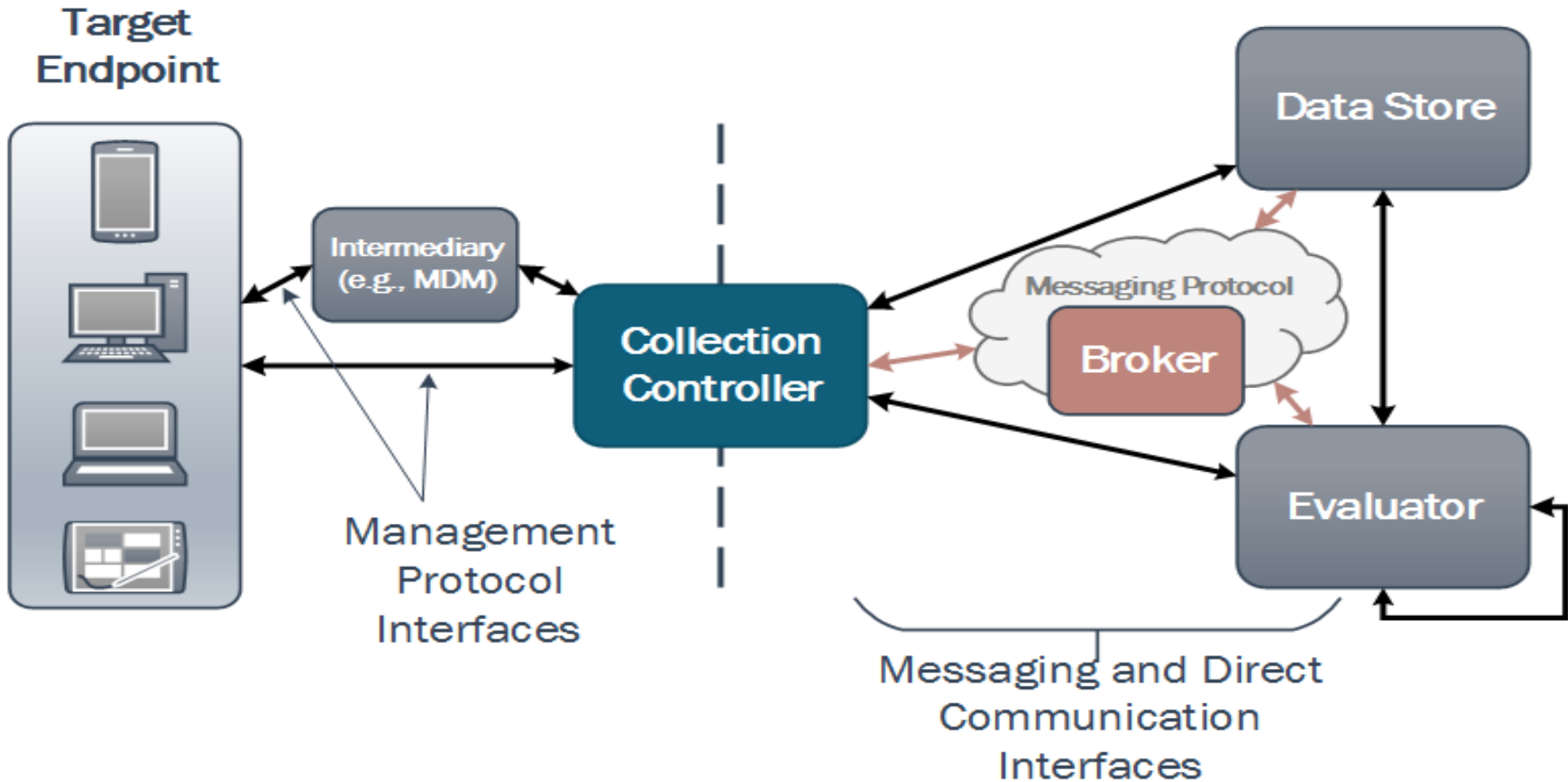
# Document Outline

- SACM Components
  - SACM Collectors
- SACM Protocols
- Information Model
- Data Models

# Overview Picture



# SACM Collector Picture



# Example Component

- Name: Aggregator
- Description: A role that looks at data in the SACM environment, combines together pieces of related data and publishes the new relationships back into the environment.
- Interactions:
  - Querying, Async Notification sync, Async Notification source, Publishing

# Protocol Example

- Name: NEA
- Category: Collection
- Description: Generic server/client collection transport protocol which can be initiated either at either end.
- Authentication: TLS or TLS-EAP
- Authorization: Pre-configuration?
- Discovery: Pre-configuration? Query of Database from other registration?

# Data Model Example

- Name: One Ring BER ASN.1
- Description: Mechanically generated ASN.1 module from the IM descriptions. To be encoded using BER rules. SACM statements are identified by a unique value hashed from the data. Purely hypothetical.
- Operations: Query
- Serializations: BER, XER



# Questions

- Has anybody looked at the draft?
- Do people believe that this is an approach that should be followed?
- Given what is presented as the reasons for and architecture draft, what are we missing? Either at a gross level or a fine level.