

# Tangle Centric Networking

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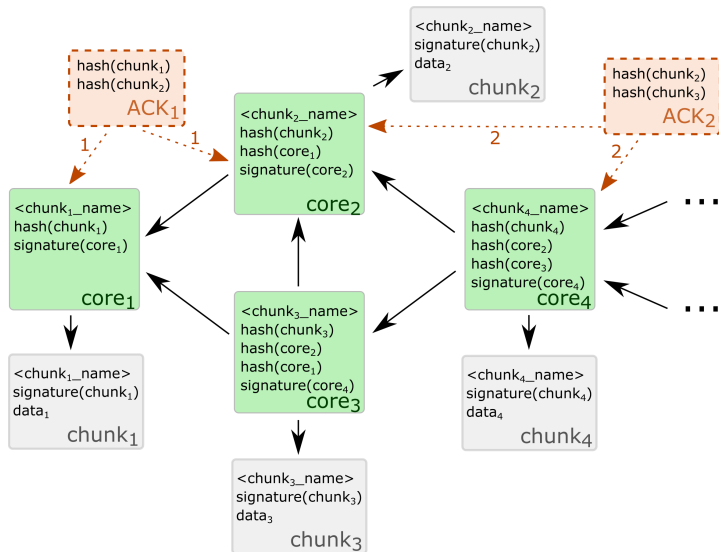
## Problem Statement

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- ▶ In ICN content has a fixed binding to a name
- ▶ Even for small changes manifests need to be updated
- ▶ Goal: Extending data without recomputing manifests

# Use a Tangle as Manifests

- ▶ A tangle is used as manifest and for synchronization



# Tangle Centric Networking

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- ▶ TCN is based on ICN
- ▶ TCN maps data and their relation to each other into the network
- ▶ A synchronization protocol based on tangles
- ▶ Network consensus instead of fixed name-data binding
- ▶ Support building distributed apps and distributed computation
- ▶ Computation: Represent a computation graph as a tangle and sync the state

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Questions?

Thank you for your attention!