

Video Demo

Details

- Creation of new resource as a single sent CoAP message over Bundle
- PUT method used to send 4 temperatures to a temperature resource
 - The 4 messages are aggregated and transmitted in a single bundle from node A to node B
 - Node A is responsible for aggregation and Node B for disaggregation and dispatch to CoAP server
 - Both Nodes A and B are responsible for token matching on their ends and with each other
- Persistent storage on Node C with sqlite and bundle decision maker

Config Socket	Destination	Schedule (Offset, Period, Lifetime)	Reaches	Connect via TCPCLv3
ud3tn-a.aap2.socket	dttn://c.dtn/	1s offset, 600s period, 100000s lifetime	dttn://b.dtn/, dttn://d.dtn/	localhost:4226
ud3tn-c.aap2.socket	dttn://d.dtn/	60s offset, 600s period, 100000s lifetime	dttn://b.dtn/	localhost:4227
ud3tn-d.aap2.socket	dttn://c.dtn/	1s offset, 600s period, 100000s lifetime	dttn://a.dtn/	localhost:4226
ud3tn-d.aap2.socket	dttn://b.dtn/	1s offset, 600s period, 100000s lifetime	(explicit dttn://b.dtn/rec)	localhost:4225
ud3tn-c.aap2.socket	dttn://a.dtn/	1s offset, 600s period, 100000s lifetime	(explicit dttn://a.dtn/rec)	localhost:4224
ud3tn-b.aap2.socket	dttn://d.dtn/	1s offset, 600s period, 100000s lifetime	dttn://c.dtn/, dttn://a.dtn/	localhost:4227

