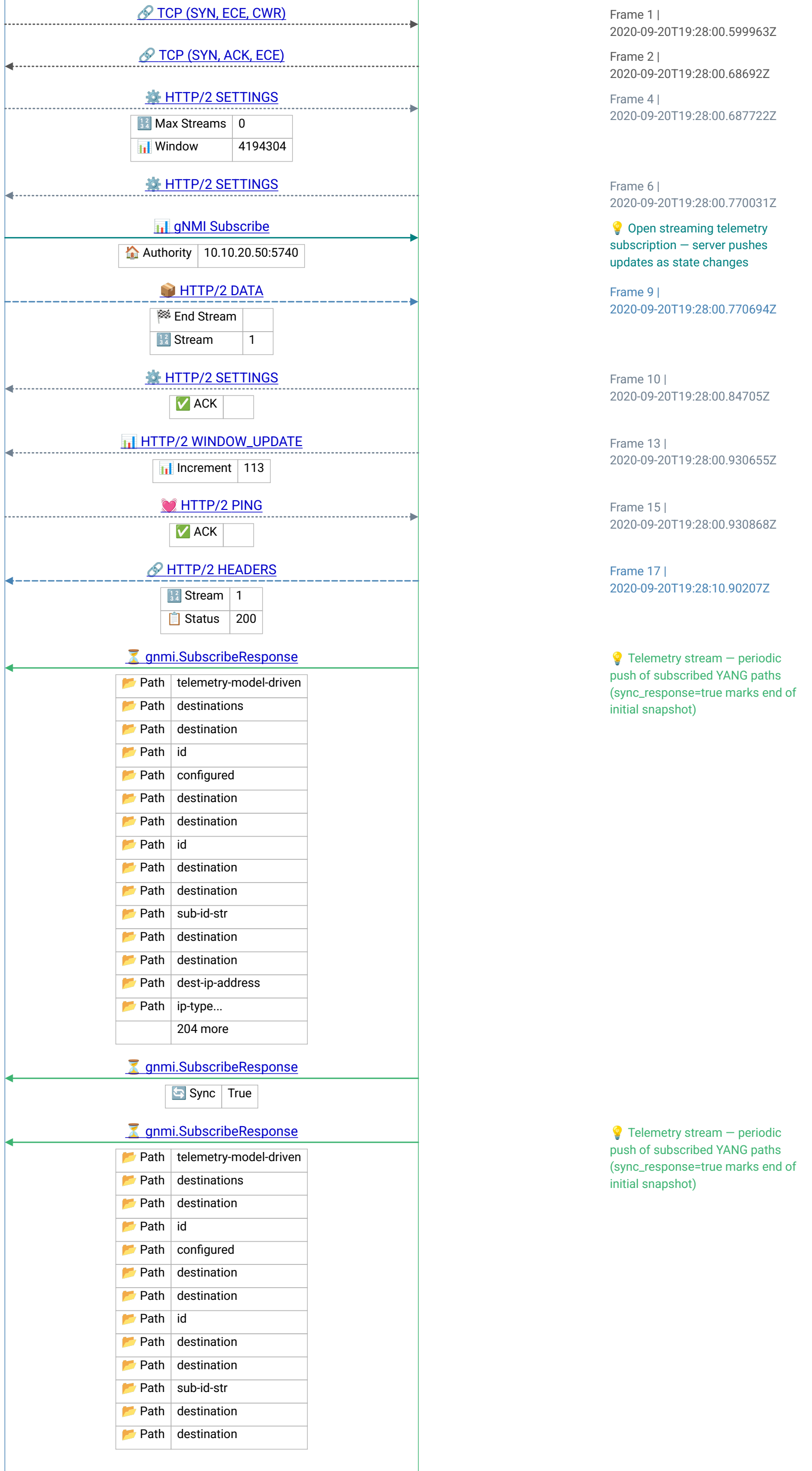


grpc_gnmi_subscribe.pcapng



Open streaming telemetry subscription – server pushes updates as state changes

Telemetry stream – periodic push of subscribed YANG paths (sync_response=true marks end of initial snapshot)

Telemetry stream – periodic push of subscribed YANG paths (sync_response=true marks end of initial snapshot)

gNMI Client

gNMI Target

Path	dest-ip-address
Path	ip-type...
	204 more

gnmi.SubscribeResponse

Path	telemetry-model-driven
Path	destinations
Path	destination
Path	id
Path	configured
Path	destination
Path	destination
Path	id
Path	destination
Path	destination
Path	sub-id-str
Path	destination
Path	destination
Path	dest-ip-address
Path	ip-type...
	204 more

gnmi.SubscribeResponse

Path	telemetry-model-driven
Path	destinations
Path	destination
Path	id
Path	configured
Path	destination
Path	destination
Path	id
Path	destination
Path	destination
Path	sub-id-str
Path	destination
Path	destination
Path	dest-ip-address
Path	ip-type...
	204 more

HTTP/2 WINDOW_UPDATE

Stream	1
Increment	19768

TCP (FIN, ACK)

HTTP/2 PING

ACK	
-----	--

TCP (RST)

TCP (FIN, ACK)

TCP (FIN, ACK)

TCP (FIN, PSH, ACK)

TCP (FIN, PSH, ACK)

TCP (FIN, PSH, ACK)

TCP (FIN, PSH, ACK)

Telemetry stream – periodic push of subscribed YANG paths (sync_response=true marks end of initial snapshot)

Telemetry stream – periodic push of subscribed YANG paths (sync_response=true marks end of initial snapshot)

Frame 50 | 2020-09-20T19:28:45.764631Z

Frame 51 | 2020-09-20T19:28:45.78673Z

Frame 53 | 2020-09-20T19:28:45.843873Z

Frame 54 | 2020-09-20T19:28:45.84391Z

Frame 55 | 2020-09-20T19:28:45.865509Z

Frame 56 | 2020-09-20T19:28:46.050995Z

Frame 57 | 2020-09-20T19:28:46.346415Z

Frame 58 | 2020-09-20T19:28:46.955041Z

Frame 59 | 2020-09-20T19:28:48.177642Z

Frame 60 | 2020-09-20T19:28:50.723249Z