External Trace ID for Configuration Tracing

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Motivation: Tracing Configuration

Something wrong with last change of configuration on NE2. Where does the change comes from?

Use cases:

• **Configuration Mistake** “Which service request, if any, caused the mistake?”

• **Concurrent NMS modification** “Both NMS assume that they are in charge of the NE and regularly overwrite each other configuration.”

• **Conflicting Intents** “Conflicting configuration changes are cause by two conflicting service requests.”
Current status

• Draft adopted by WG
• Switching from transaction-id to trace-id solved a lot of issues (presentation at IETF 117)
• Not much updates since this change
Next steps

• Specify how get client ID gets transmitted: tracestate, trace Baggage?
• Align with other trace context and transaction-id drafts.

• Should we make a more general solution (i.e. follow
  https://github.com/open-telemetry/opentelemetry-proto/blob/main/opentelemetry/proto/trace/v1/trace.proto )
  and only specify what is missing (i.e. client-id, local-commit-id)?

Draft repo is at https://github.com/netconf-wg/configuration-tracing