

uLinga for Kafka

Lightweight, high-performance Kafka streaming for HPE Nonstop data and applications.

A different approach

uLinga for Kafka runs as a **natively compiled Guardian process pair** and speaks the Kafka protocols **directly over TCP/IP** — with no Java libraries and no intermediate database. It communicates straight with the Kafka cluster for the best possible performance, avoiding the extra platform, single point of failure and latency that other Nonstop Kafka solutions introduce.

Kafka Producer

Kafka Consumer

No application changes

Online configuration

Stream data to & from Kafka



Pathsend & Guardian IPC

Applications send and receive data directly over IPC or Pathsend with minimal code changes — lowest possible latency.



TMF audit & Enscribe files

Monitor TMF audit trails and stream changes; FILEREADER/WRITE for entry-sequenced files; Intercept Library for relative & key-sequenced.



HTTP / REST

Route web requests to Kafka through uLinga's built-in HTTP interface — no extra middleware required.

Transform & manage with ease

Configurable **data transformation** converts records to and from any combination of formats, so data lands in Kafka ready for consumers across the enterprise:

Binary / DDL

ISO 8583

JSON

AVRO



Guardian reliability

Native process pair,
proven performance



Online config

No app changes, no
extra servers



WebCon control

Browser admin, TLS
1.3 secured



Built-in tracing

Standard Nonstop
logging

Sample Nonstop use cases



Stream **logs & system events** to Splunk and other tools



Replicate **data changes** to SQL Server or Oracle



Async **messaging** to Windows / Linux apps



Keep Nonstop data **in sync with cloud** services

✓ **Native Guardian performance & reliability** · ✓ **no extra software or servers** · ✓ **no application changes** — the simplest, lowest-risk way to bring Nonstop into your Kafka streams.