1.FLUMENG

FlumeNG is the latest major revision of Apache Flume.

Flume is used for high volume of data ingestion into the hdfs of event based data.

FlumeNG uses a single-hop message delivery guarantee semantics to provide end-to-end reliability

for the system.

To ensure this feature, certain new concepts have been introduced into its design,

while some of the existing concepts have been either redefined, reused or dropped.

2.FLUME-RELIABILITY

Yes, Flume can provide 100% reliability to the data flow.

It follows a transactional based approach.

It uses a seperate transactions for guaranteed delivery between source to channel and the channel to sink.

3.DISTRIBUTION OF DATA TO MULTIPLE DESTINATIONS

Yes , Flume can distribute data to multiple destinations by the process of fan out where

data flow from single source to multiple channels and from the channels to multiple sink.

ex: channel1 = sink1

source =

channel2 = sink2

4.cHANNEL TYPES IN FLUME

2 types of channel

Memory Channel : Data are read from source to memory and transferred to the sink.

File Channel : The file channel transfers the contents from the source to a file in the file system and

deletes the file after the contents have been succesfully delivered to the sink.

Memory channel is the fastest among the two.