• Also BFD in VXLAN can be used to monitor special service nodes that are designated to properly handle Layer 2 broadcast, unknown unicast, and multicast traffic. Such nodes, often referred "replicators", are usually virtual VTEPs can be monitored by physical VTEPs in order to minimize BUM traffic directed to unavailable replicator.

This document describes use of Bidirectional Forwarding Detection (BFD) protocol VXLAN to enable continuity monitoring between Network Virtualization Edges (NVEs) and/or availability of a replicator service node using BFD.

• While we have been working on this individual draft two independent implementations of BFD over VXLAN have been developed and deployed
VXLAN encapsulation of BFD control packet using IPvX/UDP headers
VXLAN-GPE encapsulation of BFD control packet without IPvX/UDP headers

VXLAN-GPE encapsulation of BFD control packet using IPvX/UDP headers
Next steps

- Welcome comments from the WG
- Asking WG to consider adoption of the draft
- Thank you