

BFD Bidirectional Forwarding Detection

BFD is a detection protocol designed to provide fast forwarding path failure detection times for all media types, encapsulations, topologies, and routing protocols.

In addition to fast forwarding path failure detection, BFD provides a consistent failure detection method for network administrators; because the network administrator can use BFD to detect forwarding path failures at a uniform rate, rather than the variable rates for different routing protocol hello mechanisms, network profiling and planning will be easier, and re-convergence time will be consistent and predictable