

ABSTRACTS

Routing Protocol represent important shares in data communications at network IP (Internet Protocol). Use of it is included in network layer. Initially, routing of protocol based of simple distance vector and easy to implemented, however this distance vector have feebleness on counting to ununity and routing loop, and in the end the the feebleness earn depressed to use some technique, such as spilt horizon and hold down.

Routing Protocol builded at link states which have implemented on a address having slow convergence of distance vector protocol which have been equiped complexity of configuraton and troubleshooting.

Three main element of routing protocol is a algorithm transport supportingtransferorder between router, use update algoritm capable to arrange distributed short paths and a module capable to make routing operation protocol at environment multiprotocol.