Abstract

Computer networks have played a central role at any circumstances in society today. So it is necessary for them to be available at any time. To this end we often use redundant technologies such as duplex systems to overcome failures. Virtual Router Redundancy Protocol (VRRP) is one of the redundant technologies, which gives detours to end hosts in case of trouble. Because of its advantages such that end hosts have no requirement for using VRRP it has been widely used in many Local Area Networks. In this paper we propose a new method on VRRP. Our method makes VRRP convergence time shorter in a typical network design: it means that through using our method computer networks recovery faster when failures occurred.

References

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