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خلاصه مقاله:

Avoiding congestion is important role in recently proposed software defined network (SDN) since various new kind of overhead and delay introduced compared to traditionalnetwork. In this paper, we propose a load sensitive forwarding metric for the Openflow controller to make decision for path selection. Our metric assign weight basedon the network traffic link load that put into account. This metric helps the forwarding protocol to load balance thenetwork and improve the network capacity by avoiding the congested nodes to forward the traffic. Extensive performance results based on our simulation are presentedto demonstrate the effectiveness of our proposed metric, with comparison to the SDN state of the art forwardingdecision

کلمات کلیدی:

Software Defined Networking, path selection, openflow