

**UNIVERSITI TEKNOLOGI MARA**

**TRAFFIC MANAGEMENT USING  
VRF-LITE OVER MPLS VPN**

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## ABSTRACT

Congestion at the Branch WAN-LAN link is occurred due to the unparalleled increased of the bandwidth at the LAN and WAN link. The traffic management for the outgoing traffic from HQ LAN is being proposed to overcome the congestion at the Branch WAN-LAN link and increase the overall performance of the enterprises VPN. VRF-lite which is one of the methods for traffic management is being proposed to overcome the bottle neck at the Branch WAN-LAN link and also to fully utilize all the available links at the sites. The VRF-lite is being applied at the HQ WAN router. The outcome from the setup shows that by using VRF-lite, both of the links at HQ and Branch is being utilized and the congestion at the Branch WAN-LAN link is minimized.

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