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Filtering Spoofed Traffic at Source end

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Abstract : Literature review revealed that tackling the challenge of distinguishing legitimate traffic from attack would aid in the detection of Denial of Service (DoS) attacks . Spoofing of source address would farther harden the detection of such attacks . In this paper, propose a flow based scheme to detect the DoS attacks itself to the changes of the current traffic . the proposed system weeds out most of the spurious traffic at the traffic end , thus avoiding the clogging of the tarket and the network . The scheme distinguishes itself from other source end defenses , which use statistics to gather profiles. Information entroy is used to deduce the current state of the dynamic network . Since the volume of the traffic at the source end would be moderate , it would be difficult to find the suspicious traffic at the source end . We found that the parameters we considered were good in identifying such traffic . We experimented our scheme using network simulator with network traffic traces and found the results were remisng and presented them .