

Networking Security Configuration at PT Eratex Djaja Tbk using Cisco Access Control List

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ABSTRACT

Networking computer has some threat or hacker attacks who want to steal or disturb data flow from networking system. Many threat potentials threaten networking security, they can be identified as virus, worms and spyware. They attack from internet, networking service such as protocol or port and the weakness of base networking security. Networking security has correlation with all the activities that have been done to secure the network. Networking security target is how to prevent and block any threat potentials, so they can't interfere and spread into networking system. Access Control List (ACL) is a method used by Cisco to manage all of traffic inside or outside the router. This method called filtering packet. Standard ACL is an access list that uses source address to manage the traffic data, standard ACL has range number 1 till 99. Meanwhile, extended ACL has more parameters than standard ACL, Extended ACL parameters are source address, destination address, port and protocol and port information. Extended ACL has range number 100 till 199.

Keywords : *Networking Security, worm, ACL*