**Detecting and Resolving Firewall Policy Anomalies**

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| Technology | [java](http://www.projectsolutions.co.in/java) |
| Category | [networking](http://www.projectsolutions.co.in/networking) |
| description | Abstract-As the network dramatically extended security considered as major issue in networks. There are many methods to increase the network security at the moment such as encryption, VPN, firewall etc. but all of these are too static to give an effective protection against attack and counter attack. We use data mining algorithm and apply it to the anomaly detection problem. In this work our aim to use data mining techniques including classification tree and support vector machines for anomaly detection. The result of experiments shows that the algorithm C4.5 has greater capability than SVM in detecting network anomaly and false alarm rate by using 1999 KDD cup data. |