Blacklist based Anonymus User Blocking in IP Networks

Abstract

The framework to blacklist, track and block the anonymous user in IP network. The anonymous users are the users who are not valid or dishonest users. The IP network is network of computers using internet protocol for their communication. Anonymizing network is a type of IP network in which the identity of the user is hidden by using pseudonyms. The true identity of the user is not revealed i.e. the user remains anonymous. This anonymity is provided by using a series of routers to hide users' IP address. Some users misbehave in this network and they remain anonymous and the web server is not able to identify the real misbehaved users leading to the banning the anonymizing network. The misbehaved user is traced and blacklisted and again if they misbehave they are blocked by the web server. Therefore to block the misbehaving user and to give honest user anonymity, trusted third party is introduced. These help in blocking the misbehaving user preversing their anonymity. In this
model the misbehavior can be defined by the web server. Therefore the anonymity and privacy of the blacklisted users are maintained even if they are banned from using the server again.

References

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