

# A Survey on Visual Analytics for Computer Network Security

Yanping Zhang

## ***Abstract:***

Network security is a major concern in the area of computer Science. Although great efforts have already been spent on security problems, the network is still suffering from all kinds of attacks, which may lead to huge damage and loss. Log files are main sources for security analysis. However, log files are not user friendly created and it is a laborious work to find useful information from logs. Visualization system designed for security purposes provides more perceptive and effective ways for security analysis. Most security visualization systems are based on data from log files. In this survey, we looked into different security visual analytics, which we classify into five categories.