University of Birmingham

School of Computer Science
Final year project

VPN over HTTP

Project Report

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Abstract

Problem: VPN traffic is easy to block, and commonly blocked on free public networks.

Solution: HTTP traffic is rarely blocked, so encoding data into HTTP traffic is one possible way to bypass filtering and blocking on public networks.

Conclusion: It is possible to encode data in such a way that it is difficult to detect that this has been done.

All code that was developed can be found at:
`https://git-teaching.cs.bham.ac.uk/mod-ug-proj-2017/dgj470`

Keywords: VPN, HTTP, Tunnelling, Obfuscation, Steganography

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