Review of Web Filtering Processes and Implementation of a Web Circumvention

Ana CEBAN, Lowel BUZZI, Gautier GEORGEON
TELECOM Nancy, Master in Computer Science School,
Part of Université de Lorraine,
193 Avenue Paul Muller, 54600 Villers-Lès-Nancy, France

Email: - ana.ceban@telecomnancy.eu
- lowel.buzzi@telecomnancy.eu
- gautier.georgeon@telecomnancy.eu

Thibault Cholez
Associate professor,
Université de Lorraine,

Email:
thibault.cholez@telecomnancy.eu

Abstract—Some text.

Index Terms—**web filtering, web circumvention, tcp, ip, dns, proxy**

I. INTRODUCTION

Some text.

Some text.

II. REQUIREMENTS

Some text.

III. EXISTING FILTERING TECHNIQUES

Some text as intro.

A. TCP/IP Content Filtering (Deprecated)

1) Who's likely to implement it?: Some text.
2) Functional description: Some text.
3) Bypassing techniques: Some text.

B. TCP/IP Header Filtering

1) Who's likely to implement it?: Some text.
2) Functional description: Some text.
3) Bypassing techniques: Some text.

C. Proxy Based Filtering

1) Who's likely to implement it?: Some text.
2) Functional description: Some text.
3) Bypassing techniques: Some text.

D. Hybrid IP and Proxy Filtering

1) Who's likely to implement it?: Some text.
2) Functional description: Some text.
3) Bypassing techniques: Some text.

E. DNS Deregistration

1) Who's likely to implement it?: Some text.
2) Functional description: Some text.
3) Bypassing techniques: Some text.

F. BlindTLS

1) Who's likely to implement it?: Some text.
2) Functional description: Some text.
3) Bypassing techniques: Some text.

G. HTTPS SNI Filtering

1) Who's likely to implement it?: Some text.
2) Functional description: Some text.
3) Bypassing techniques: Some text.

H. Disuasion techniques

1) Remote surveillance: Some text.
2) Social monitoring: Some text.

Place here the conclusion table with some text.

IV. METHODOLOGY

Some text.

V. RESULTS

Some text.

VI. CONCLUSION

Some text.

ACKNOWLEDGMENT

REFERENCES

[1] H. Kopka and P. W. Daly, *A Guide to LATEX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.