**The Great Firewall in China: Past Present, Future**

**A detailed review of the Internet structure and censorship in China**

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**Abstract**

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**Introduction**

With the technologies developed over a long time, the internet provides humans with a brand-new method to recognize this world. As a bridge for the flow of information, it carries the thoughts, ideas, opinions and needs of all people, pushing the boundaries that we can reach.

However, the free flow of information likewise brings with it a host of pitfalls and security considerations. There is a lot of information that people don't want others to know, so firewalls and Internet censorship were born. It exists to act as a kind of virtual customs in the Internet era, reviewing imported and exported network traffic and blocking information that could harm the interests of the state and/or social actors, on the premise of national security and social stability. Many countries have set up such Internet customs, the most typical of which is China's The Great Firewall. In this article, we will analyze and understand its past and present in detail and discuss its future development and social significance. We will also discuss its impact on freedom of information and the general application of the technology in a broader sense.

**Table of Contents**

Abstract……………………………………………………………………………………….2

Introduction…………………………………………………………………………………...3

Part I. The History Of GFW…………………………………………………………………..5

* Section I.
* Section II.
* Section III.

Part II. Current GFW

* Section I.
* Section II.
* Section III.

Part III. Future GFW

* Section I.
* Section II.
* Section III.

Part IV. Legal and Social Issue

Part V. Influence on freedom of information

Part VI. Government Perspective

Conclusion

References