



INTRODUCTION

In computer networks, a Proxy server or proxy is a server (a computer system or an application) that acts as an intermediary for requests from clients seeking resources from other servers. A client connects to the proxy server, requesting some service, such as a file, connection, web page, or other resource available from a different server and the proxy server evaluates the request as a way to simplify and control its complexity.

Proxies were invented to add structure and encapsulation to distributed systems. Today, most proxies are web proxies facilitating access to content on the World Wide Web, providing anonymity and may be used to bypass IP address blocking.

Proxy aims to redirect all traffic from a certain URL to the destination URL by acting as a middleman under a service which is needed to be able to capture all incoming requests. Firewalls cannot be seen as proxy servers because even though they have the capacity to block or allow requests based on certain rules, they do not route requests