

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311041663 A

(19) INDIA

(22) Date of filing of Application :22/06/2023

(43) Publication Date : 21/07/2023

(54) Title of the invention : A SYSTEM TO REDIRECT NETWORK TRAFFIC

(51) International classification :A61N 070000, H04L 430280, H04L 430876, H04L 670200, H04L 675630
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Bluest Mettle Solutions Private Limited

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)MISHRA, Rahul

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

2)SINGH, Dhiraj

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

3)SHARMA, Manish

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The present disclosure generally relates to a DNS proxy tool. More particularly, the present disclosure provides a DNS proxy tool to analyse application network traffic or redirect network traffic to a void page. The system (100) intercepts incoming network requests and redirects them to a designated void page, effectively blocking access to the requested resource. By implementing the system (100), network administrators can enhance network security by filtering out malicious traffic, improve user experience by presenting a standardized blank page instead of error messages, and exert granular control over traffic flow. The system (100) facilitates temporary redirection during maintenance activities, minimizing downtime and disruptions. Additionally, redirecting traffic to a void page assists in troubleshooting and error handling by providing consistent responses that can be analyzed and monitored. Compliance with regulations and policies can also be achieved by blocking or redirecting traffic that violates guidelines.

No. of Pages : 24 No. of Claims : 10