

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311063995 A

(19) INDIA

(22) Date of filing of Application :23/09/2023

(43) Publication Date : 13/10/2023

(54) Title of the invention : SYSTEM AND METHOD FOR MALWARE REMEDIATION IN A REMOTE NETWORK

(51) International classification :G06F0021560000, G06F0021540000, H04L0045000000, H04W0012128000, H04L0043500000
(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)MANTRI, Archana
Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The present disclosure relates to a system (100) and a method (300) including a processor (102) and memory (104) that execute a set of instructions for malware remediation in a remote network. The system (100) captures and analyzes network traffic within a remote network to detect a potential malware, initiates to isolate an infected device from the remote network on detection of the malware, removes the detected malware from the infected device to restore the device to a secure state and verifies the removal of the detected malware to confirm the restoration of the device to a secure state.

No. of Pages : 20 No. of Claims : 9