

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311064928 A

(19) INDIA

(22) Date of filing of Application :27/09/2023

(43) Publication Date : 13/10/2023

(54) Title of the invention : SYSTEM AND METHOD FOR MULTI-COMPONENT MALWARE DETECTION

(51) International classification :G06F0021560000, H04W0012128000, G06F0021550000, H04L0043160000, G10L0015020000

(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

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(57) Abstract :

The present disclosure relates to a system (100) and method (300) including a processor (102) and a memory (104) that execute a set of instructions for multi-component malware detection. The system (100) extracts a set of features from a network traffic data, detects a set of malware patterns and behaviors from the extracted set of features, analyze network traffic to identify suspicious activities and detect unknown malware threats and generate real-time alerts through one or more computing devices (112) upon detection of potential malware threats.

No. of Pages : 21 No. of Claims : 8