

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311012581 A

(19) INDIA

(22) Date of filing of Application :23/02/2023

(43) Publication Date : 17/03/2023

(54) Title of the invention : DETECTION AND REPORTING INTRUSION IN WIRELESS NETWORK DEVICES

(51) International classification :B6J 050400, G08B 131860, G08B 131930, H04W 121210, H04W 121220

(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 :

A system 100 and method for intrusion detection and reporting in wireless network devices 102 include at least one wireless access point 104, and a server 106 configured with a plurality of modules for detection of wireless intrusions in a wireless network 120. The server 106 configured to, track wireless network traffic, scan at least one wireless communication signals to detect occurrence of suspicious activities and dangerous behavior, identify at least one network device 102 to allow them examining data included in the network packets, analyze and recognize the services and operating systems being used to examine data and to detect abnormal activity, and report the detected abnormal activity to administrator through the plurality of modules. The system consoles, database servers, administration servers and sensors are parts of the wireless intrusion detection module, and the method makes it automated, simpler to adhere to security protocols.

No. of Pages : 20 No. of Claims : 10