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## (54) Title of the invention: SYSTEM AND METHOD FOR MONITORING ACTIVITIES TO DETECT A SERVER MESSAGE BLOCK (SMB) VULNERABILITY

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classification  classification  215600, G06F 215700, H04W 721200  2)Bluest Mettle Solutions Private Limited  Name of Applicant: NA  Address 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)PANDEY, Sakshi  Address of Applicant: ODC-4, Panchshil Tech Park, inside  Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune -  411057, Maharashtra, India. Pune  2)PANDEY, Sakshi  Address of Applicant: ODC-4, Panchshil Tech Park, inside  Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune -  411057, Maharashtra, India. Pune	. ,	215600, G06F 215700, H04W	National Highway, Village Jhansla, Rajpura, Punjab - 140401,
Classification   721200   To provide Limited   Name of Applicant : NA   Address of Applicant : NA   (72)Name of Inventor : 1)MISHRA, Rahul			India. Patiala
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date  (88) International Filing Date (89) International Filing Date (80) International Filing Date (80) International Filing Date (80) International Filing Date (81) International Filing Date (82) Divisional to Application Number Filing Date (83) International Filing Date (84) Address of Applicant : ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune 411057, Maharashtra, India. Pune			2)Bluest Mettle Solutions Private Limited
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## (57) Abstract:

A system (100) for detecting a server message block (SMB) vulnerability, in accordance with the present invention. In an embodiment, the system includes a network interface operable for connecting to a data network, and one or more computing device, including at least a hardware processor (104) and a memory. The hardware processor is configured to scan each of a plurality of data packets (102-1, 102-2, 102-3, ....., 102-N) being communicated over the data network using a server message block (SMB) protocol and directed towards the one or more computing devices, scan one or more packets selected from the plurality of data packets being delivered to the one or more computing devices, identify an instance indicative of a malicious incident to occur based on scanning of the plurality of data packets and the one or more packets, and predict a threat against an organization based on the identified indicative instance.

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