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<p>(51) International classification :G06F0021570000, G06Q0010060000, G06F0021550000, H04L0041500900, H04L0041500300</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Bluest Mettle Solutions Private Limited Name of Applicant : NA Address of Applicant : NA</p> <p>(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 -----</p> <p>2)SINGH, Dhiraj Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----</p> <p>3)MANTRI, Archana Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

An intelligent vulnerability prioritization system (100) and a method (200) for efficient patch management is provided. The system (100) includes sever having various modules for efficient patch management. The system (100) improves the accuracy of vulnerability assessments. The system (100) dynamically adjusts vulnerability prioritization based on the business impact of assets. The system (100) incorporates threat intelligence feeds and analyses indicators of compromise (IOCs) to assess the likelihood of exploitation and potential impact on the network. The system (100) can proactively identify and respond to emerging threats in real-time, enhancing the organization's security posture. The system (100) continuously learns from new vulnerabilities, attack techniques, and emerging threat intelligence. This adaptability allows the system (100) to evolve with the changing threat landscape, adjusting its defences and risk assessments accordingly. The system (100) enables organizations to take proactive measures in mitigating risks

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