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(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING AND ANALYSING CONFIGURATION OF COMPUTING DEVICES

<p>(51) International classification :G06F 134000, H04L 430817, H04L 450000, H04L 670100, H04W 481600</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)KUMAR, Naveen Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

The present disclosure relates to a system (100) to detect and analyze the configuration of a computing device, the system includes a processor (102) and a memory (104) storing executable instructions for data collection, encryption, baseline configuration generation, software update management, and policy management. The system collects configuration data from application environments, identifies and encrypts confidential data, generates a baseline configuration, creates reports, manages software updates, and controls access to resources based on pre-defined policies. The baseline configuration is established by processing the collected data to establish a standard configuration state, and the report generation module allows entities to create personalized reports. The software update management module deploys updates and provides detailed reporting, and the report generation module generates reports to provide IT staff with insights and track changes made to the system configuration.

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