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(54) Title of the invention : MULTIDIMENSIONAL RISK PROFILING FOR CLOUD-BASED NETWORK ACCESS CONTROL OF MOBILE DEVICES

<p>(51) International classification :H04W0012086000, H04W0012630000, G06Q0020020000, H04W0012080000, G06F0009500000</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 :

The present invention relates to the field of network security and specifically relates to a multidimensional risk profiling system (100) for cloud-based network (108) access control of mobile devices (110). The system (100) includes several interconnected units, each focusing on a specific dimension of risk assessment. These units work collaboratively to evaluate the risk associated with each mobile device (110) seeking network access, enabling organizations to enforce access control policies based on the device's risk profile. The multidimensional risk profiling system (100) for cloud-based network access control of mobile devices is a comprehensive solution designed to address the security challenges associated with mobile device usage in cloud environments. The system (100) leverages cloud infrastructure to collect, analyze, and respond to various dimensions of risk, ensuring that only trusted and secure devices are granted access to cloud-based networks.

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