

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311039812 A

(19) INDIA

(22) Date of filing of Application :10/06/2023

(43) Publication Date : 07/07/2023

(54) Title of the invention : A CLOUD SECURITY SYSTEM AND A METHOD FOR SAFEGUARDING DATA HOSTED IN CLOUD

<p>(51) International classification :G06F 094550, G06Q 203800, G07C 090000, H04L 670100, H04L 671000</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, Saket 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. Patiala -----</p> <p>3)MANTRI, Archana Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
--	--

(57) Abstract :

A cloud security system (100) and a method (200) for safeguarding data hosted in cloud. The system (100) includes a plurality of security controls (102) having a drift prevention module (104), a behavioral profiling module (106), and a Deep AI module (108) to safeguard the data, the programmes, and the infrastructure hosted in the cloud. The system 100 provides robust security controls and measures to protect the cloud against malware, hackers, DDoS attacks, and unauthorized user access and use. The system 100 assists with regulatory data compliance, helping organizations ensure they are meeting their obligations under applicable laws and regulations. The system 100 helps organizations improve their security posture and reduce the risk of breaches. The system 100 helps organizations stay ahead of the curve and outmaneuver uncertainty. The system 100 fosters better teamwork by making data more accessible and content management simpler.

No. of Pages : 22 No. of Claims : 10