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(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Bluest Mettle Solutions Private Limited

Name 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 -----

3)MANTRI, Archana

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The present disclosure relates generally to field of computer security. More specifically the present invention relates to a system for managing security policies in a containerized environment. The system (100) includes a metadata analysis unit (102), a policy generation device (104), a policy enforcement device (106), a user interface (108) and a cloud server (112). The policy generation device (104) is configured to generate security policies based on the identified security requirement parameters. The policy enforcement device (106) is configured to enforce the generated security policies in a containerized environment. Further the present invention relates to a method for managing security policies in a containerized environment. Advantageously, the present invention relates to an automated approach to security policy creation that helps reduce the time and effort required to create and manage security policies, while also improving the consistency and accuracy of policy coverage.

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