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(54) **AUTOMATED COMPLIANCE-RELATED PROCESSING OF CLOUD NATIVE APPLICATIONS**

(71) Applicant: **Dell Products L.P.**, Round Rock, TX (US)

(72) Inventors: **Sujeev Velur**, Hopkinton, MA (US); **Manoharan Erurnthavadi**, Bangalore (IN); **Julie Ann Dougherty**, Natick, MA (US); **Narendran Narasimhan**, Bangalore (IN); **Rajanikanth Markala**, Georgetown, TX (US)

(57) **ABSTRACT**

Methods, apparatus, and processor-readable storage media for automated compliance processing for cloud applications are provided herein. An example computer-implemented method includes detecting multiple cloud applications deployed across one or more data center-based cloud platforms comprising multiple geographic locations; identifying, for each of at least a portion of the multiple detected cloud applications, a set of executable programs carrying out runtime support on the cloud application; processing information pertaining to one or more forms of compliance for each of the at least a portion of the multiple detected cloud applications by comparing each identified set of executable programs with one or more pre-approved sets of executable programs; and performing one or more automated actions based at least in part on results of the comparing of each identified set of executable programs with one or more pre-approved sets of executable programs.