US 20240214382A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2024/0214382 A1**

LIDGI et al. (43) **Pub. Date: Jun. 27, 2024**

(54) **TECHNIQUES FOR ACTIVE INSPECTION OF CLOUD COMPUTING APPLICATIONS UTILIZING OPTICAL CHARACTER RECOGNITION**

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(21) Appl. No.: **18/146,663**

(22) Filed: **Dec. 27, 2022**

Publication Classification

(51) **Int. Cl.**

H04L 9/40	(2006.01)
G06F 3/0482	(2006.01)
G06F 21/60	(2006.01)
G06F 40/205	(2006.01)

(52) **U.S. Cl.**

CPC ***H04L 63/102*** (2013.01); ***G06F 3/0482*** (2013.01); ***G06F 21/604*** (2013.01); ***G06F 40/205*** (2020.01)

(57) **ABSTRACT**

A system and method for performing active inspection of a computing environment utilizes optical character recognition. The method includes: receiving at least one network path to access a first resource, where the first resource is a cloud object deployed in the cloud computing environment, potentially accessible from a network which is external to the cloud computing environment; and generating a first instruction to access the first resource based on a plurality of reachability parameters designated in the at least one network path; causing execution of the generated first instruction to access the first resource; receiving a graphical output, the graphical output generated in response to execution of the generated first instruction; performing optical character recognition on the graphical output to generate a textual output; detecting in the textual output a predetermined data indicator; and initiating a second active inspection in response to detecting the data indicator in the textual output.