

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0214417 A1 KUROKI et al.

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

(54) ANALYSIS DEVICE, ANALYSIS METHOD, AND ANALYSIS SYSTEM

(71) Applicant: NIPPON TELEGRAPH AND TELEPHONE CORPORATION,

Tokyo (JP)

Inventors: Kotomi KUROKI, Tokyo (JP); Yo

KANEMOTO, Tokyo (JP)

Assignee: NIPPON TELEGRAPH AND

TELEPHONE CORPORATION,

Tokyo (JP)

(21) Appl. No.: 18/563,346

(22) PCT Filed: May 27, 2021

PCT/JP2021/020302 (86) PCT No.:

§ 371 (c)(1),

(2) Date: Nov. 21, 2023

Publication Classification

(51) Int. Cl.

(2006.01)H04L 9/40

(52) U.S. Cl.

CPC *H04L 63/1458* (2013.01)

(57)ABSTRACT

When an attack by command injection is detected, an analysis device (10) extracts an attack command string inserted for the attack from an attack request transmitted in the attack, and acquires information obtained by executing the extracted attack command string. Also, the analysis device (10) determines an intention of the attack by the command injection using the acquired information, and outputs information indicating the determined intention of the attack.

