



US 20240214456A1

(19) **United States**

(12) **Patent Application Publication**

PRODOEHL et al.

(10) **Pub. No.: US 2024/0214456 A1**

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

(54) **CLIENT DEVICE CONNECTION ESTABLISHMENT**

(71) Applicant: **Connectify, Inc.**, Philadelphia, PA (US)

(72) Inventors: **Brian PRODOEHL**, Plymouth Meeting, PA (US); **Kevin CUNNINGHAM**, Swarthmore, PA (US); **Brian LUTZ**, Philadelphia, PA (US); **Alexander GIZIS**, Philadelphia, PA (US)

Publication Classification

(51) **Int. Cl.**
H04L 67/141 (2006.01)
H04L 12/46 (2006.01)
H04L 67/01 (2006.01)
H04L 67/56 (2006.01)

(52) **U.S. Cl.**
CPC *H04L 67/141* (2013.01); *H04L 12/4641* (2013.01); *H04L 67/01* (2022.05); *H04L 67/56* (2022.05)

(21) Appl. No.: **18/600,304**

(22) Filed: **Mar. 8, 2024**

Related U.S. Application Data

(63) Continuation of application No. 17/727,310, filed on Apr. 22, 2022, now Pat. No. 11,956,320, which is a continuation of application No. 17/071,651, filed on Oct. 15, 2020, now Pat. No. 11,368,535.

(60) Provisional application No. 62/936,748, filed on Nov. 18, 2019.

(57) **ABSTRACT**

One example includes transmitting a first request for data from a client device to a server, transmitting a second request for the data from the client device to the server, wherein the second request is transmitted prior to receiving a response to the first request, and receiving the data from the server at the client device responsive to the second request being sent from a different access point than an access point used to send the first request.

