



(51) International Patent Classification:

H04L 51/21 (2022.01) H04L 12/00 (2006.01)
H04L 51/00 (2022.01)

(21) International Application Number:

PCT/US2022/024330

(22) International Filing Date:

12 April 2022 (12.04.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

17/232,738 16 April 2021 (16.04.2021) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA,

(54) Title: METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR PROTOCOL PARSING FOR NETWORK SECURITY

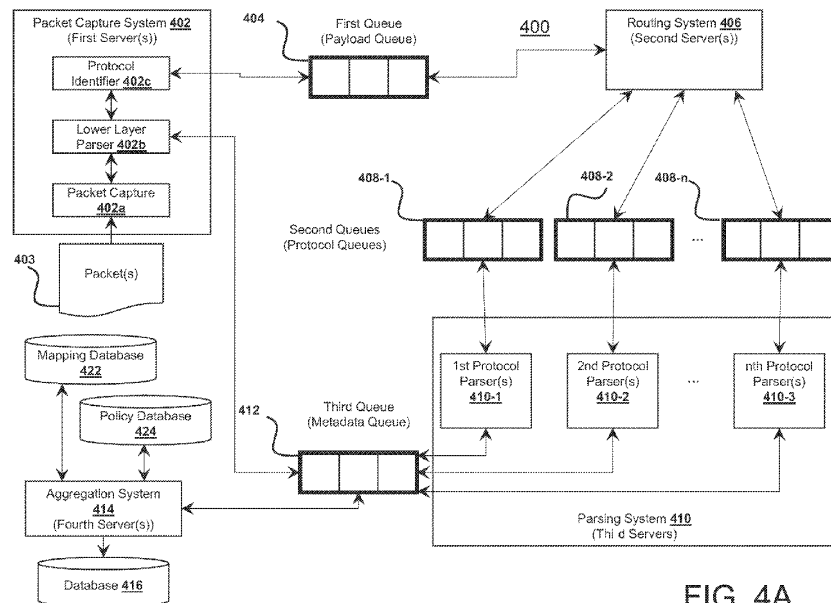


FIG. 4A

(57) Abstract: Provided is a method for protocol parsing for network security. The method may include receiving, by a packet capture system, a plurality of packets, parsing lower layer data from each packet, and communicating a respective payload of each respective packet to at least one first queue. A routing system may route the respective payload of each respective packet to a respective second queue of a plurality of second queues based on a respective protocol of the respective packet. A respective protocol parser node of a parsing system may parse higher layer data from the respective payload of each respective packet from each respective second queue. The packet capture system may communicate the lower layer data for each packet to a third queue, and the parsing system may communicate the higher layer data for each packet to the third queue. A system and computer program product are also disclosed.

MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU,
RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM,
ZW.

- (84) Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*