

Title (en)

NETWORK DEVICE AND METHOD FOR COLLECTING AND PROCESSING PACKET INFORMATION WITH THE NETWORK DEVICE

Title (de)

NETZWERGERÄT SOWIE VERFAHREN ZUM ERFASSEN UND VERARBEITEN VON PAKETINFORMATIONEN MIT DEM NETZWERKGERÄT

Title (fr)

DISPOSITIF DE RÉSEAU ET PROCÉDÉ DE COLLECTE ET DE TRAITEMENT D'INFORMATIONS DE PAQUET AVEC LE DISPOSITIF DE RÉSEAU

Publication

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Application

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Abstract (en)

[origin: WO2021164896A1] The invention relates to a network device (10) comprising at least two ports for connecting network subscribers, and comprising at least one memory (12) for storing data, with each port containing a transmitting unit (2) and a receiving unit (1). According to the invention, each receiving unit (1) and each transmitting unit (2) also comprises a time stamp unit (4) and the time stamps of incoming data packets of the receiving units (1) and outgoing data packets of the transmitting units (2) generated by the time stamp units (4) can be stored in the memory (12). The invention also relates to a method for collecting and processing packet information in said network device, in which the time stamp units (4) generate time stamps of the incoming and outgoing data packets and store them in the memory (12). The time stamp data aggregated in this way can be forwarded to the ports using packet generation (13) and packet delivery (14).

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