

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2023/0231816 A1 LIU et al.

Jul. 20, 2023 (43) **Pub. Date:**

(54) METHOD, ELECTRONIC DEVICE, AND COMPUTER PROGRAM PRODUCT FOR REQUEST CONTROLLING

- (71) Applicant: DELL PRODUCTS L.P., Round Rock, TX (US)
- (72) Inventors: Min LIU, Shanghai (CN); Yongsheng GUO, Shanghai (CN); Yubing ZHANG, Shanghai (CN); Zhihong ZENG, Shanghai (CN); Meng ZHOU, Shanghai (CN)
- Appl. No.: 17/678,789
- (22)Filed: Feb. 23, 2022
- (30)Foreign Application Priority Data

Jan. 14, 2022 (CN) 202210044287.2

Publication Classification

(51) Int. Cl. H04L 47/70 (2006.01) (52) U.S. Cl. CPC *H04L 47/822* (2013.01)

ABSTRACT (57)

Embodiments of the present disclosure relate to a method, an electronic device, and a computer program product for request controlling. The method includes determining, in response to receiving a request for computing resources, a first control window including a plurality of control time slots, the request being received in a receive time slot of the plurality of control time slots. The method further includes determining a quantity of available computing resources within the first control window according to a position of the receive time slot in the plurality of control time slots. The method further includes processing the request within the first control window if the quantity of available computing resources does not exceed a threshold. The method can improve the capability of controlling requests for computing resources, and reduce congestion caused by a large number of requests exceeding the load of computing resources.

