ABSTRACT

A data monitoring method, a switch, an electronic device, and media are provided in embodiments of the present application. In the embodiments, data monitoring is no longer performed separately by a Host CPU of the switch, but by corporation of the Host CPU and the Switch chip on the switch (the CPU built in the Switch chip, referred to as ECPU), and data monitoring in a time unit of millisecond level or even below the millisecond level, such as microsecond level, is performed by the Switch chip (the CPU built in the Switch chip, referred to as ECPU), and the monitoring data is transmitted to the Host CPU to be forwarded by the Host CPU to the traffic analyzer for analysis, which achieves data monitoring at a millisecond level by the cooperation between the local Host CPU of the switch and the ECPU on the Switch chip, and the actual situation of AI data burst under AI training scenario in intelligent computing center can be captured in time.

[FIG. 2]