

ABSTRACT

The present invention discloses a method for analyzing user online behavior and monitoring network quality in a home gateway. The method includes the following steps:

5 A10. collecting user online data, analyzing a data packet arriving at a home gateway, generating a corresponding online behavior CSV file and uploading the file to an FTP server; A20. monitoring network quality, simulating periodically, by the home gateway, PPPOE dial-up, actively initiating TCP, DNS, HTTP and FTP service availability detection, generating a corresponding network quality CSV file according to a detection result and uploading the file to the FTP server; A30. analyzing the online behavior CSV file and the

10 network quality CSV file and obtaining user online behavior and network quality results. The present invention analyzes user online behavior in a home gateway, thereby effectively obtaining corresponding business information, makes a corresponding adjustment on a network according to a network quality monitoring result, provides different services, and gives best service quality to users.



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