عنوان مقاله:

Review On Cloud Computing Application In P2P Video Streaming

محل انتشار:

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خلاصه مقاله:

Cloud computing has been introduced as a solution to several problems of the traditional web-based e-learning system, such as alimited storage, a high infrastructure maintenance costs and a low interoperability among the component of web-based e-learningsystem. However, the cloud computing system performance may deteriorate with increasing number of users and become worsewhen many users access the video streaming from the cloud system. This is due to the centralized architecture of the cloudcomputing that can generate network traffic congestion and bottleneck in the cloud servers. Peer-to-peer (P2P) architecture hasbeen proposed to overcome this problem. Using P2P, all nodes in the cloud system can act as servers as well as clients at thesame time for reducing the congestion and bottleneck of the system. Currently, there are few reviews on P2P video streamingalthough intensive studies have been done on the development of the system. With this condition, identifying and understandingthe development of P2P video streaming will be expensive, time consuming and physically exhausting. The objective of thispaper is to review the latest development of P2P video streaming based on cloud computing. A narrative review method has beenused as the methodology for investigating the P2P video streaming articles from 2009 to 2014. The outcomes of .this researchshows that 90% of cloud based e-learning integrate with P2P when it's involving streaming video

کلمات کلیدی:

;Cloud computing; peer-to-peer; video streaming