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## Research on Video on Demand Based on P2P Network

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### ABSTRACT

A P2P approaches to extend the ability of Video on Demand systems to serve more users. In the proposed system users share with each other the media data obtained and the media server is no longer the only source to get data from, thereby, the load on the media server could be greatly alleviated and the overall system capacity increases and more users could be served. The P2P streaming system introduces efficient searching; data transfer dynamically monitoring and initial buffering to maintain a high quality of playback. Its provider selection policy helps to reduce the load of the underlying network by avoiding remote data transfer.

### KEYWORDS

P2P, Peer to Peer, Video on Demand, Streaming Media, Super-Peer, Cache Replacement Algorithm

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