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# WEB ENABLED BANDWIDTH PRIORITIZING IN SQUID CACHE WITHOUT DISTURBING EXISTING CONNECTIONS.

### A PROJECT REPORT PRESENTED BY

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Web enabled bandwidth prioritizing in Squid cache without disturbing existing connections.

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wide Web. Thus allowing squid administrators and authorized users to percentage of bandwidth to a particular computer or group of computers disturbing connected clients of the server. This approach is useful for squid rators with low bandwidth in prioritizing the existing bandwidth for th-hungry requirements like videoconferencing file downloading and so on.

rolling the bandwidth utilization of users, delay pools is a very important ue. In squid cache, delay pools setting should be made by editing a uration file called "squid.conf" manually and restarting the service. In this a system was implemented to take delay pool values through a web interface PHP scripting language and the necessary calculations were done using a C++ last step a necessary routine was written to feed values into Squid via a and the configuration was reloaded without restarting squid. The bandwidth among users was plotted against the time.

analyzing the graphs, it is identified that the existing connections were retained and bandwidth change occurred smoothly when changes were applied.

