Abstract

Nowaday server *reliability* is one important issue to concern. Especially for server service provider such as multimedia server (*audio, video*), banking server database, NMS server (*Network Monitoring Server*), OSS (*Operating Support System*) for celluler monitoring etc. Considering how important is server reliability, alot of provider adjust "*zerodowntime*" on their adevrtise to increase consumen credibility.

To guarantee quality from a service one little mistake will cause a great loss, both of provider neither consumen side, moreover if the interruption occur on the vital part of system. Particularly for commercial service like Video On Demand (*VOD*) where consumen who use this service expect maximal quality because they already pay to get the service.

In this final task will concern how IPMP help to decrease risk that will occur by damage that probably happen to physicaly side on one system, and how IPMP affect performance from service that run on server where IPMP implemented. In this case is whether IPMP capable to increase quality from Video On Demand service.

Keywords: *Video On Demand, IPMP, Performance*