

## ***Linux High Availability Server Using DRBD and HeartBeat***

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### ***ABSTRACT***

*Currently the computerized system is used optimally. To support the computerized system used a services system which all that are installed on the main network devices such as server. Use server are required to always operate causes often require maintenance and even the server were damaged.*

*The occurrence of a long system downtime caused inactive server can be addressed using the technology of Linux High Availability / Linux HA. This technology aims to ensure the availability of services so that the computerized system running smoothly. Making the Linux HA is by combining two software namely DRBD and HeartBeat. DRBD functions as a system that duplicating devices / nodes. While HeartBeat handle fail over (service that checks whether a service problem or not). This technology uses two servers, the main server and backup server. HeartBeat will detect the primary server is active or not. At the moment the main server does not start automatically HeartBeat will run the backup server to replace the function of the main server.*

***Keywords:*** *Downtime, Service, DRBD, HeartBeat, Linux HA*