**TITLE: -**

* “SURVEY ON REPLICATION TECHNIQUES FOR DISTRIBUTED SYSTEMS”.

**PROJECT DESCRIPTION: -**

* Distributed Systems mainly provide access to large amount of data and computational resources through a wide range of interfaces. They are dynamic in nature, in which resources may enter and leave the environment at any time. Due to their ever-increasing scales and complexity, many distributed systems applications run in an environment, where faults are more likely to occur, leading to diverse faults and failure conditions. Replication Techniques primarily concentrate on the two fault tolerance manners, namely precisely masking the failures as well as reconfiguring the system in response. This paper presents a brief survey on replication techniques, such as Read One Write All (**ROWA**), Quorum Consensus (**QC**), Tree Quorum (**TQ**) Protocol, Grid Configuration (**GC**) Protocol, Two-Replica Distribution Techniques (**TRDT**), Neighbor Replica Triangular Grid (**NRTG**) and Neighbor Replication Distribution Techniques (**NRDT**). These techniques have their own redeeming features and shortcoming, which are discussed in this paper.

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