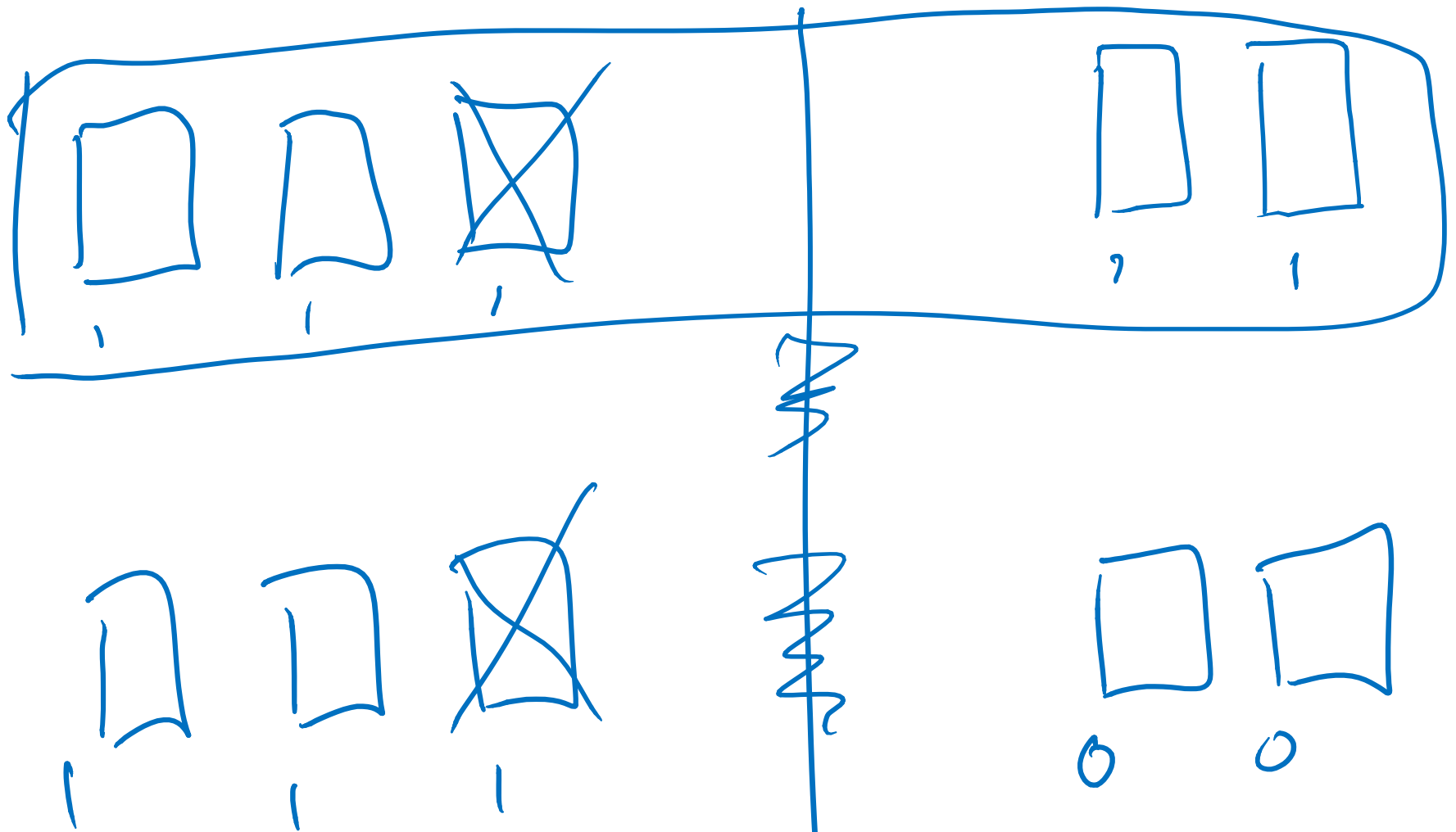
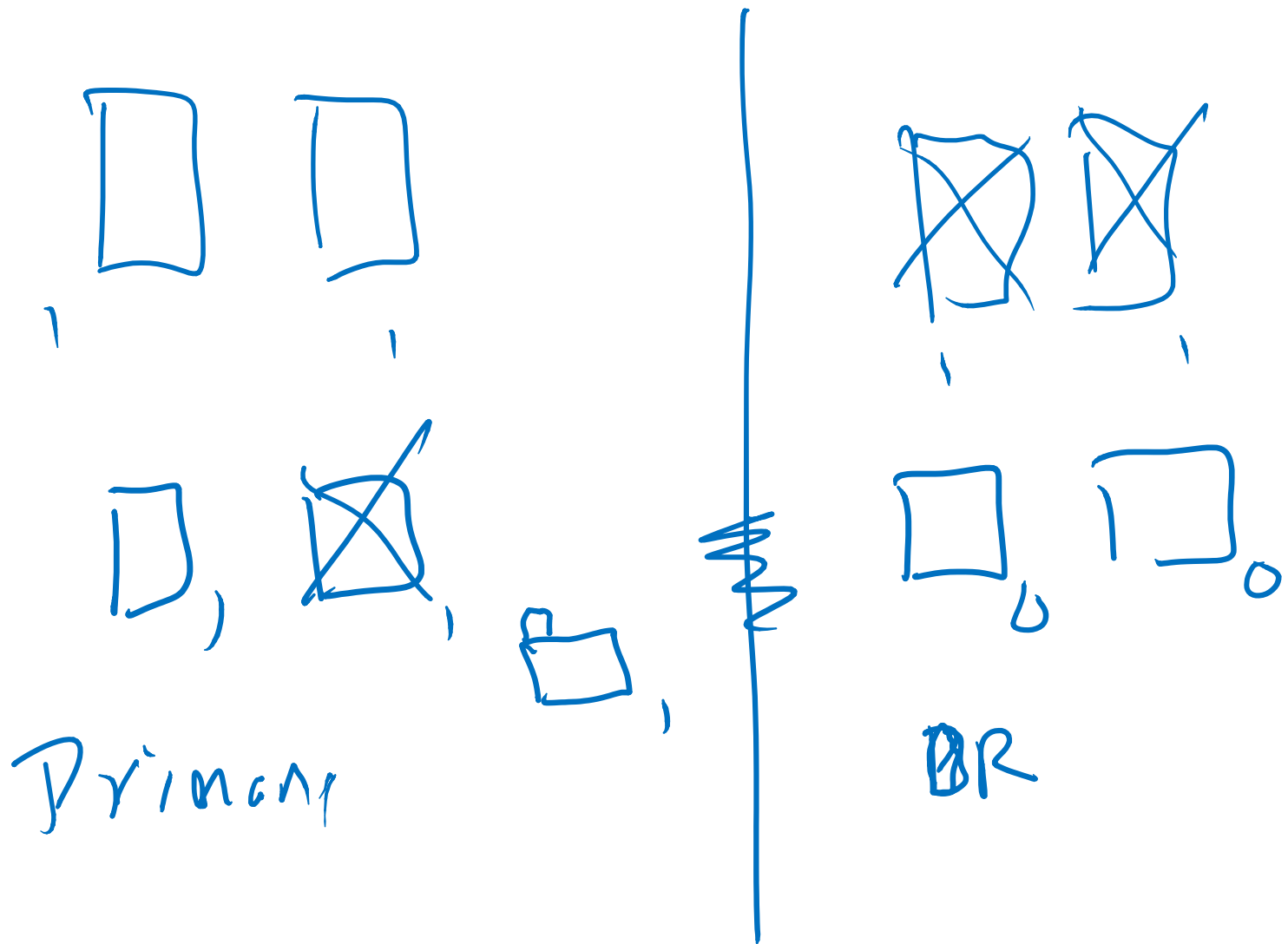
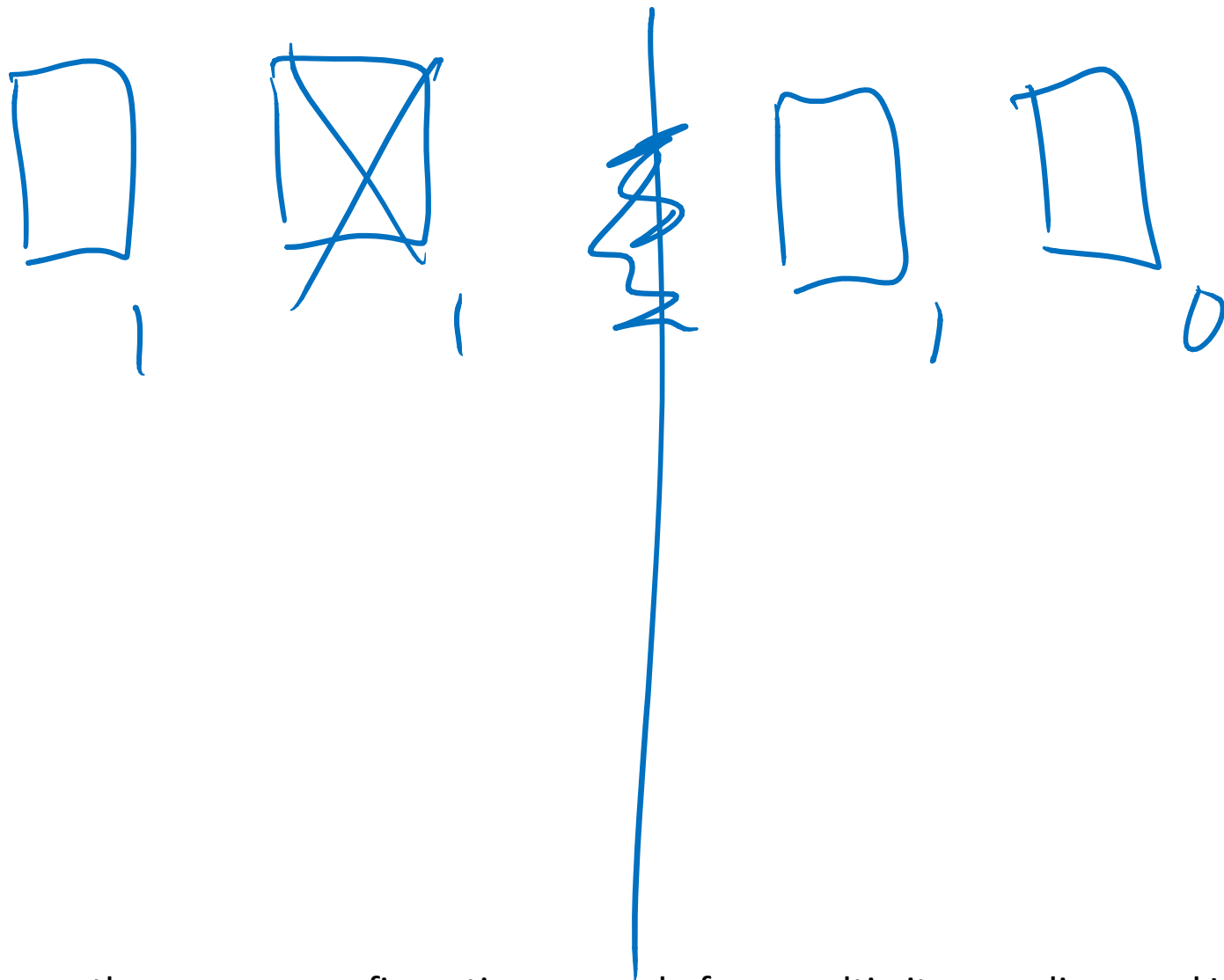




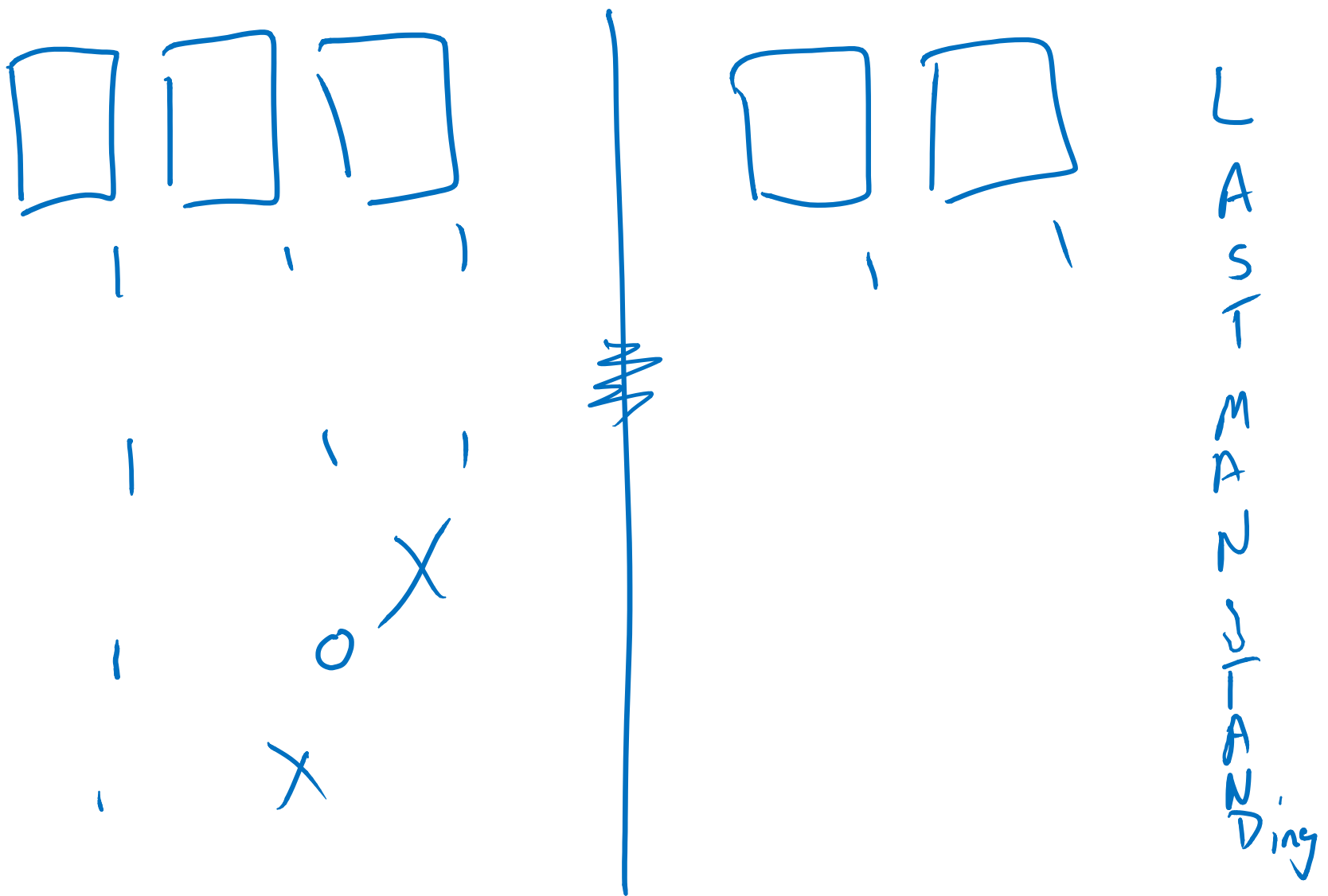
This slide shows the quorum configuration example for a multi-site geo-dispersed WSFC. The nodes in the remote DR site should be configured as non-voters in the quorum configuration so that in the event of a loss of connectivity between the sites, a majority of votes can be maintained within the main site towards quorum, even if a node failure were to occur in the main site.



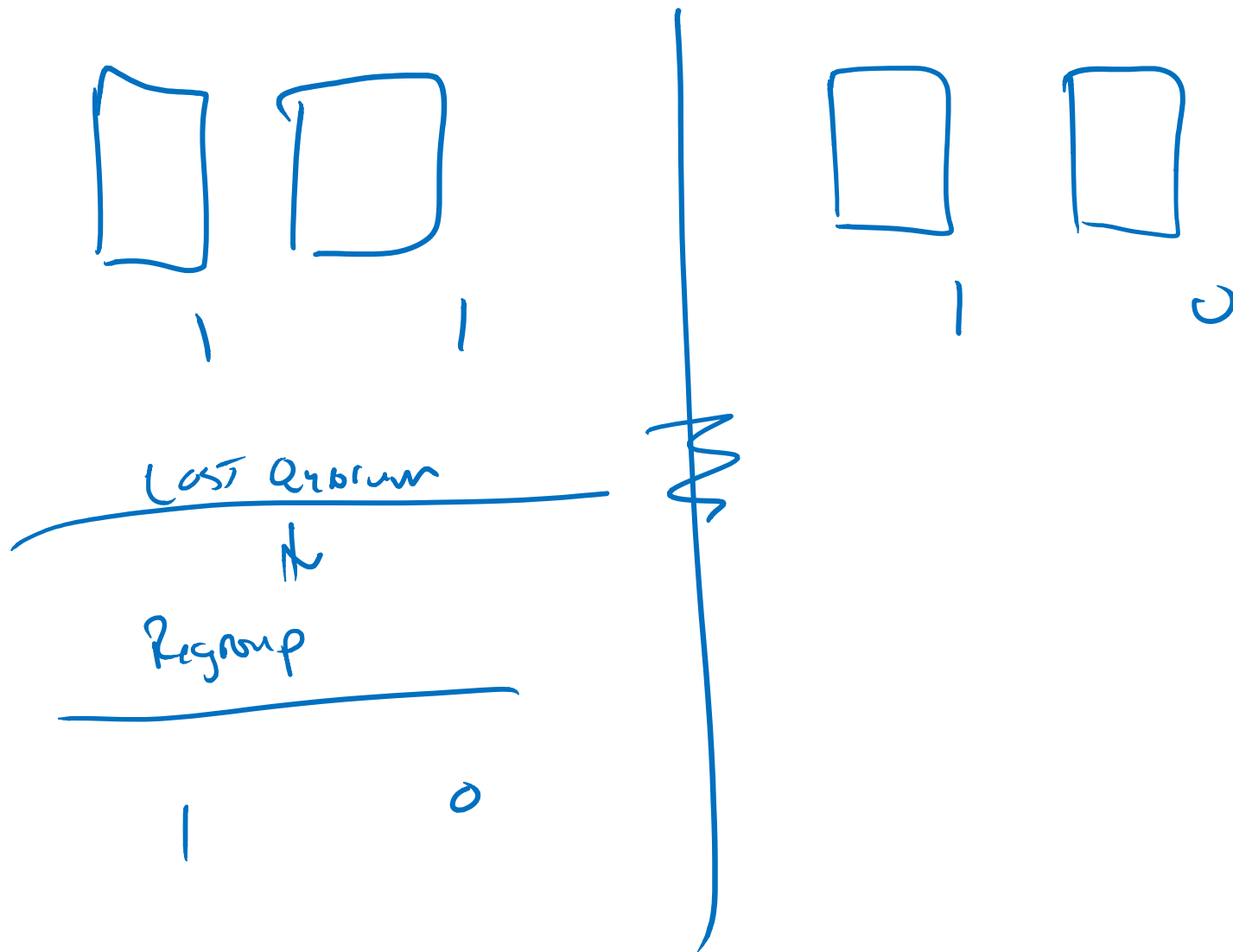
This slide shows the quorum configuration example for a multi-site geo-dispersed WSFC. If there are an even number of participant nodes, the DR site nodes should be configured as non-voter nodes and a file share witness should be added for the extra odd vote towards quorum in the primary site.



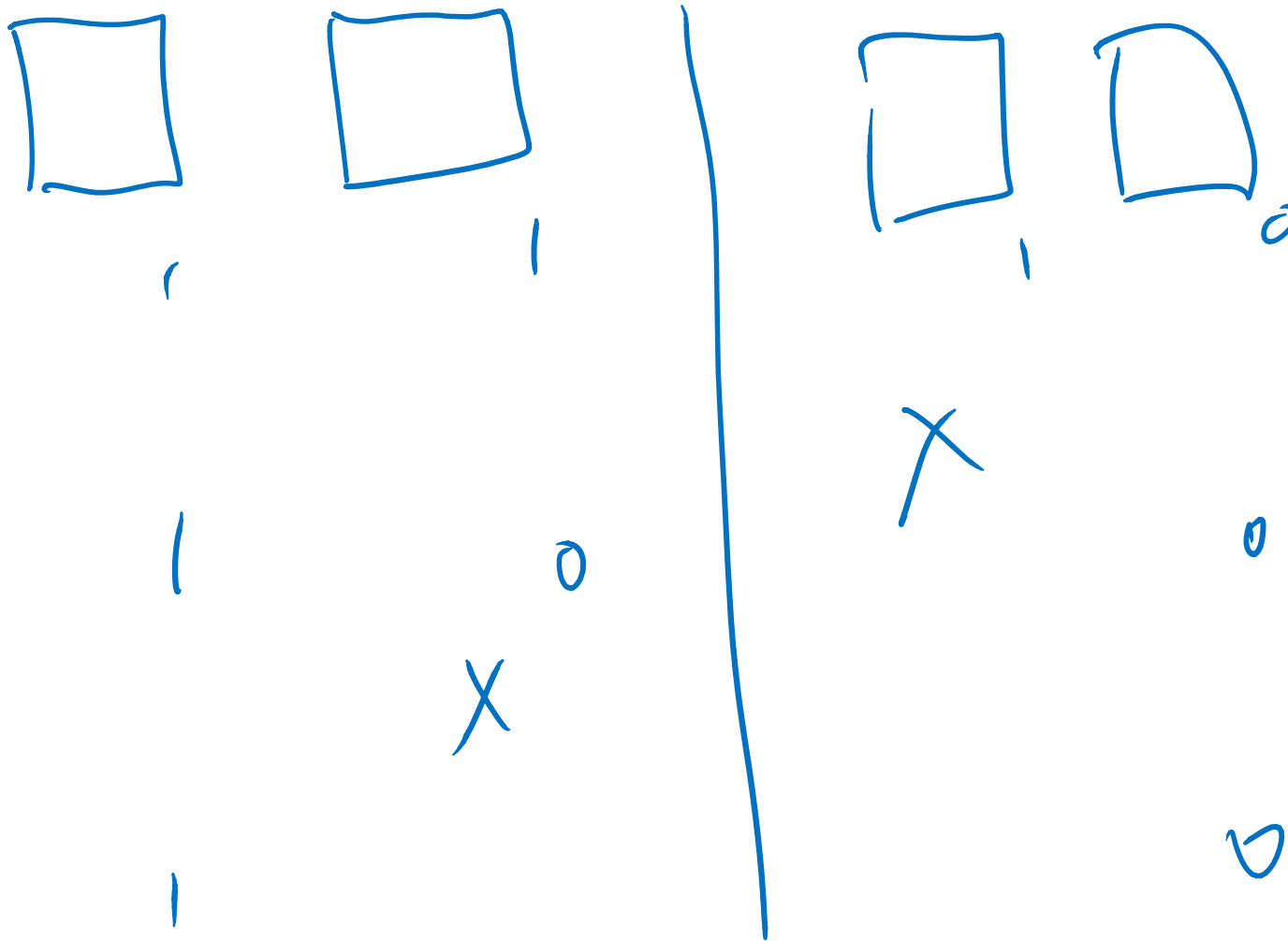
This slide shows the quorum configuration example for a multi-site geo-dispersed WSFC. If there are an even number of participant nodes, one of the DR site nodes could be configured as non-voter node and an odd number of voters will exist for quorum.



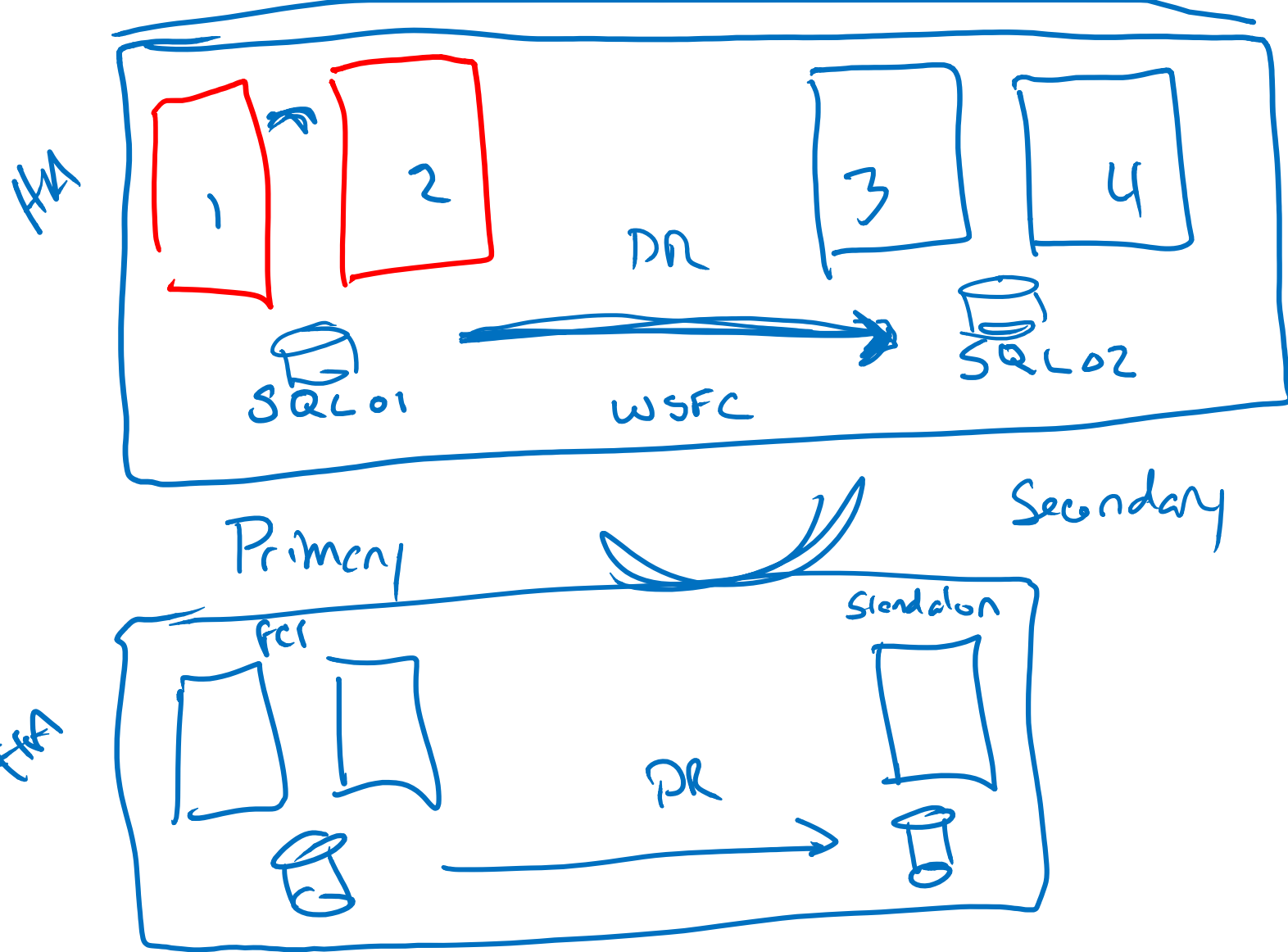
This slide shows the last man standing scenario provided by Windows Server 2012 dynamic quorum. As long as a cluster quorum regroup can be calculated through sequential failures of nodes, the cluster can remain online and active all the way down to a single node under last man standing.



This slide shows the last man standing scenario provided by Windows Server 2012 dynamic quorum when multiple failures occur simultaneously causing a loss of quorum prior to a regroup occurs bringing the cluster resources back online in last man standing mode.



This slide shows another last man standing scenario provided by Windows Server 2012 dynamic quorum. As long as a cluster quorum regroup can be calculated through sequential failures of nodes, the cluster can remain online and active all the way down to a single node under last man standing.



This slide shows the combination of AlwaysOn Failover Clustered Instances with AlwaysOn Availability Groups for local HA provided by SQLFCI and remote DR provided by the AG configurations. These setups would require manual failover of the AG between the SQLFCI.