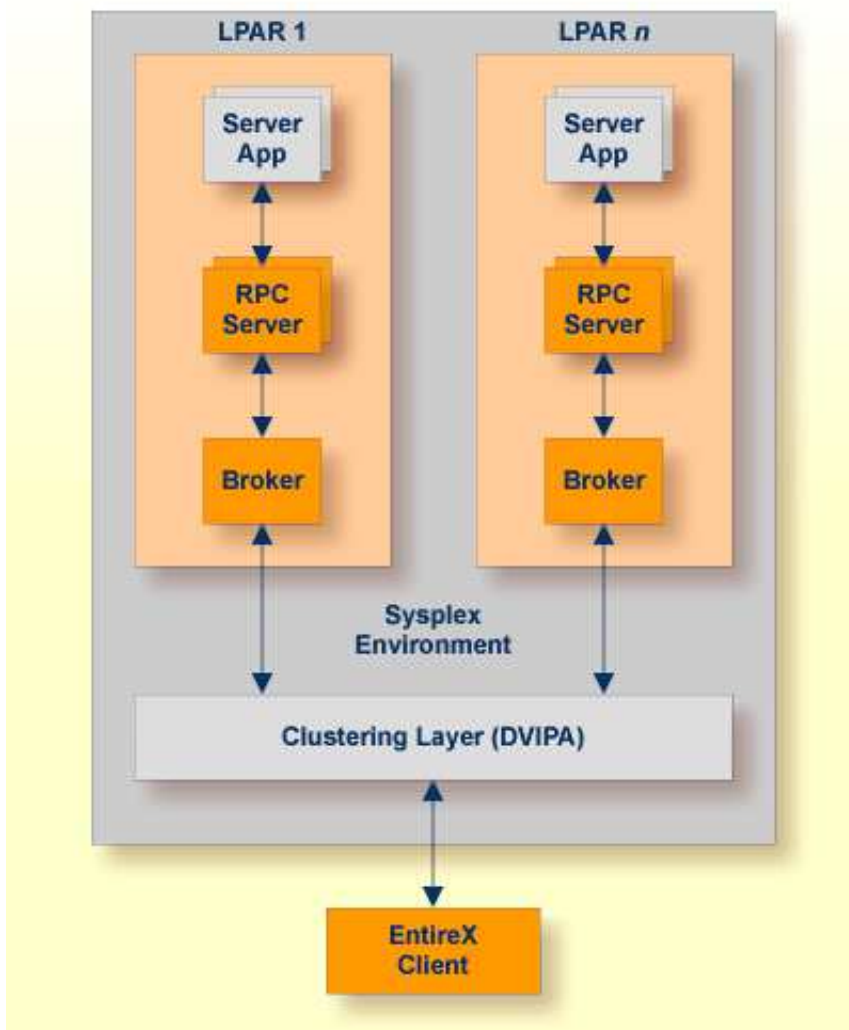


# High Availability with Sysplex under z/OS

This graphic shows a cluster environment using IBM Sysplex technology to achieve high availability. Clustering is a technique to improve availability by configuring redundant resources - in the case of EntireX this means brokers and RPC servers. This redundancy ensures that if one instance fails the integrity of the system is not affected. Up to 32 logical partitions (LPARs) - often geographically distributed - can act together as a single system image. Dynamic virtual IP address (DVIPA) is a z/OS Communications Server feature used to describe the automatic failover of TCP/IP stack instances within a Sysplex cluster.



For more details, see *Setting up your EntireX Environment for Sysplex*.