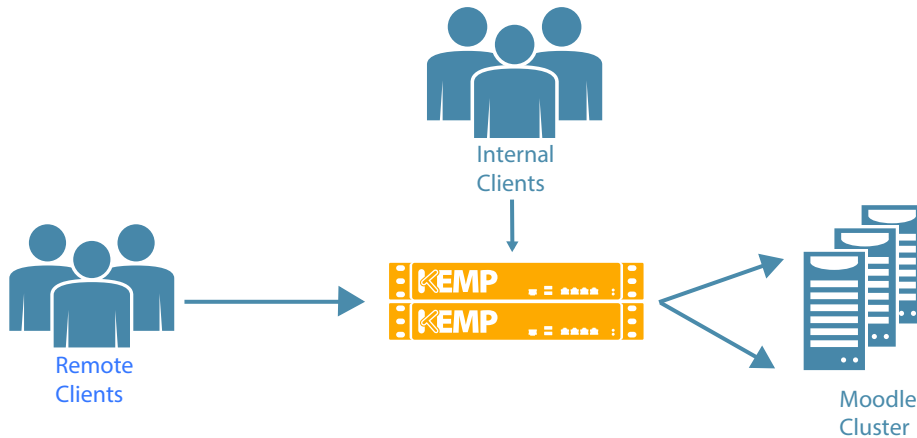


# Load Balancing Moodle

## Solution Overview



Enable high availability and traffic acceleration for your open-source moodle learning platform.

Moodle is an open source learning platform designed to provide educators, administrators and learners with a robust, secure and integrated system to create personalised learning environments. Moodle is designed to scale and can accommodate extremely large user communities. Kemp LoadMaster makes scaling Moodle simpler by load balancing user traffic across cluster nodes and offloading the security overhead.

LoadMaster can monitor each Moodle server individually to assess capacity and health and in the event of a server being unavailable, LoadMaster will redirect sessions to the remaining cluster members. Client traffic can be balanced using methods such as round robin or least connections to ensure traffic is appropriately distributed between the nodes in the Moodle Cluster. LoadMaster provides a much more advanced, resilient and easier managed environment than HAProxy for Moodle with features such as SSL offload and content caching. LoadMaster is proven solution for Moodle load balancing with predefined templates and optional professional services to simplify deployment and operation.