Your company can't afford server downtime. When server outages occur, whether planned or unplanned, the interruption can result in lost revenue, lost productivity, and unhappy customers. You need to be sure that your business stays running in the event of a hardware failure or scheduled maintenance.

Cornerstone MFT offers high availability and failover to ensure that if one server goes offline, access to critical business data is uninterrupted. No downtime for you or for your customers.

Cornerstone's load balancing manages high transaction volumes seamlessly, ensuring that day-to-day operations run smoothly.
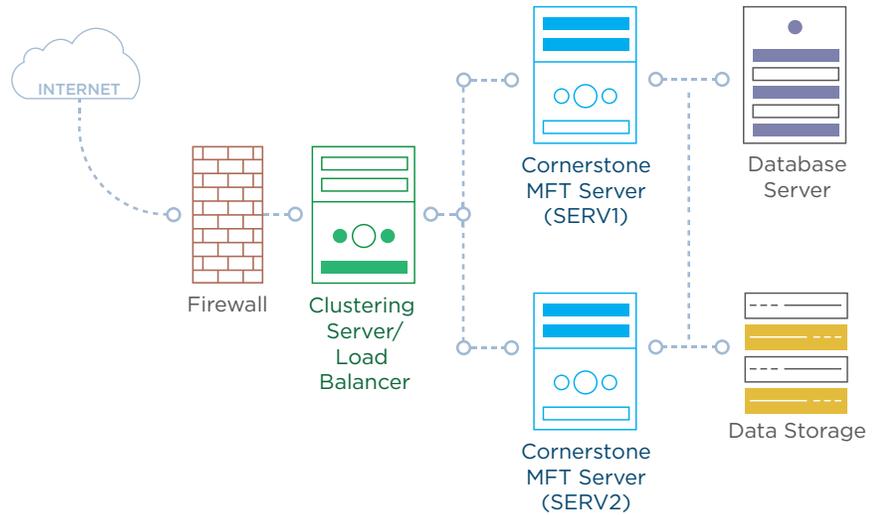
HIGH AVAILABILITY AND FAILOVER

Cornerstone MFT offers high availability to assure business continuity, enabling your IT infrastructure to continue functioning even if a server goes down or is taken offline. Cornerstone MFT can be scaled and clustered to handle an unlimited number of users. The User Accounts Database can be stored remotely in an external SQLServer Database—or, in the case of Active Directory/LDAP-based user authentication, on an external server—which is accessible from multiple nodes. Employing an external database to store configuration and user account information creates a fully scalable system where multiple nodes share the workload and allow system maintenance without creating user access limitations.
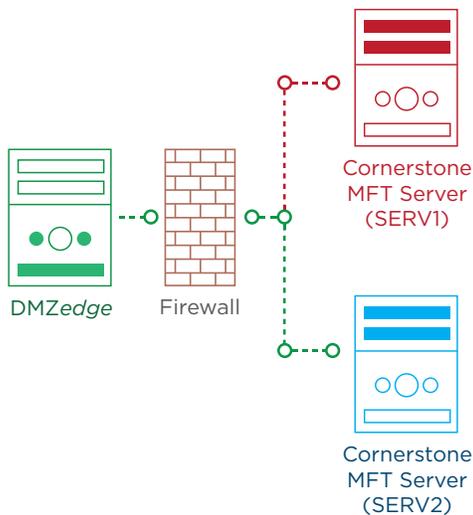
In a failover scenario, when one Cornerstone MFT Server goes offline, the traffic is directed to the next Cornerstone MFT Server in the priority list. When the offline server is available again, traffic automatically routes back to spread the load and provide uninterrupted service.

Active/Active or Active/Passive Configurations

Cornerstone also offers Active/Active or Active/Passive configurations depending on your operational needs. Active/Active clusters give you access to the resources of all your servers during normal operation. In an Active/Passive cluster, the backup server is only utilized during failover. Both configurations help to reduce downtime and ensure that operations remain efficient.

LOAD BALANCING FOR HIGH THROUGHPUT

Whether you have thousands of users frequently transferring large files or you process large batches transfers with partners, the workload is distributed between servers. With 2 or more Cornerstone MFT Servers behind a load balancer, peak processing loads are handled efficiently.

ADD PERIMETER SECURITY AND ELIMINATE SINGLE POINT OF FAILURE

Cornerstone implementations allow for multiple DMZ*edge* Servers that offer perimeter security and point to multiple Cornerstone MFT Servers, eliminating a single point of failure. Load balancing with DMZ*edge* enables administrators to take either Cornerstone or DMZ*edge* offline for maintenance without affecting system performance.

Clustering DMZ*edge* Servers outside of your firewall ensures that no unwelcome data is ever passed through to your Cornerstone MFT Servers. DMZ*edge* provides airtight security by standing between out-of-network users and your firewall. Users never access or interact with the Cornerstone MFT Servers directly—instead they connect directly to the load-balanced DMZ*edge* Server that is outside the corporate firewall.

Cornerstone
MFT SERVER