OpenEMIS Infrastructure Diagram

Single Server
Up to **50** active accounts

The **Application** and all **Database** are hosted on the same server.

Web and Database Server
Up to **500** active accounts

The **Application** is hosted on one server and the **Database** are hosted on another server.

Load Balanced Web Servers
Up to **5,000** active accounts

The **Switch** is to direct traffic to different servers.

The **Application** is hosted on multiple servers and the **Database** is hosted on a separate server.

Clustered Database Servers
More than **5,000+ active** accounts

The **Switch** is to direct traffic to different servers.

The **Application** is hosted on multiple servers and the **Database** is hosted on clustered servers.

Switch / Firewall
– Appliance

Application
– Linux / Apache / PHP

Database
– MySQL

Hardware / Virtual
– 8 core CPU
– 16GB memory
– 250GB storage

Hardware / Virtual
– 16 core CPU
– 32GB memory
– 500GB storage

Hardware / Virtual
– 32 core CPU
– 64GB memory
– 2TB storage

Note: It is strongly advised to run development, test, and production environments on separate infrastructure.

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