# Hardware Requirements

It is not an easy task to provide exact hardware requirements without first knowing the complexity of the app, workflows, forms, etc. running on the Joget Workflow platform. However, we can propose an initial architecture for you to deploy, and you can scale accordingly as the traffic grows. Additionally, scaling can be done in many ways, e.g., application clustering, upgrade of hardwarespecs, add additional hardware servers, etc.

To handle up to 500 concurrent users, for a start you can go with the following server setups:

1x Web Server (acting as load balancer)

- Quad Core Intel Xeon - 2CPU

- 4GB SDRAM ECC Memory

- At least 300GB SSD

- Gigabit Ethernet

(Alternatively, you can implement a hardware Load Balancer.)

2x Application Server

- Quad Core Intel Xeon - 2CPU

- 8GB SDRAM ECC Memory

- At least 500GB SSD

- Gigabit Ethernet

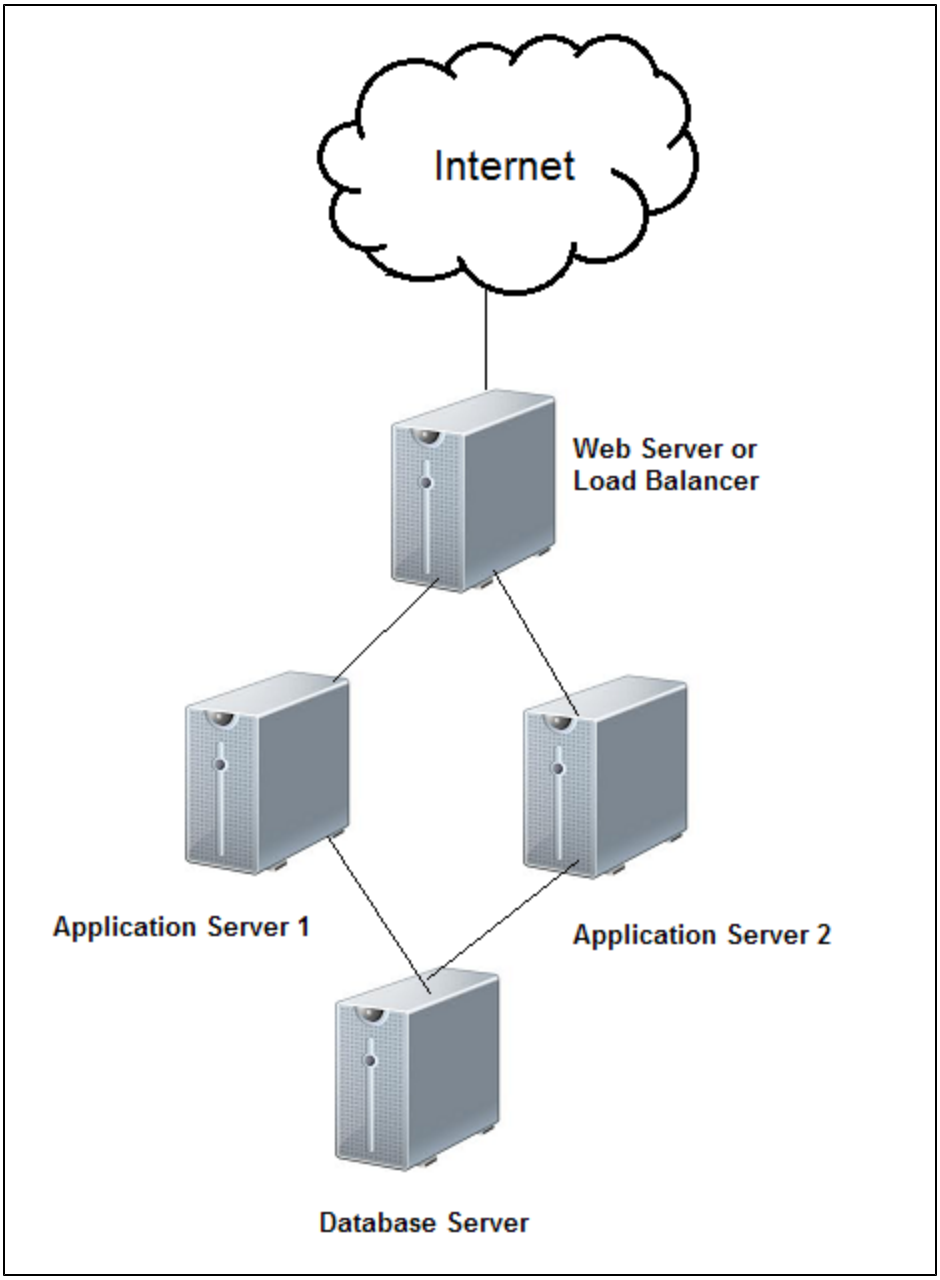
1x Database Server

- Quad Core Intel Xeon - 2CPU

- 8GB SDRAM ECC Memory

- At least 1TB SSD

- Gigabit Ethernet




Note: As for the hard disk space, it will depend on what data is stored, e.g., pdf document uploads, images, zip files, etc.  In addition, you can also configure on a VM Environment if you wish.

Also, please note that you will need to use the Joget Workflow Large Enterprise Edition (LEE) in order for you to be able to setup the clustered environment.