Packet Tracer

Our network was set up as follows:

* The switch is the central element in the network, all the inbound, outbound, and intranet traffic passes through it.
* The servers are connected directly to the switch
* A Wireless AP will be connected directly to the switch, and end users will connect wirelessly via the AP. Patch panels will be used to allow wired connection.
* The firewall is connected to the switch, and is the only internet-facing connection in the network. All inbound and outbound traffic must pass through the firewall for security reasons.

We decided to use a basic star topology considering the simplicity of the set-up, with all devices being connected to the centrally-located switch.