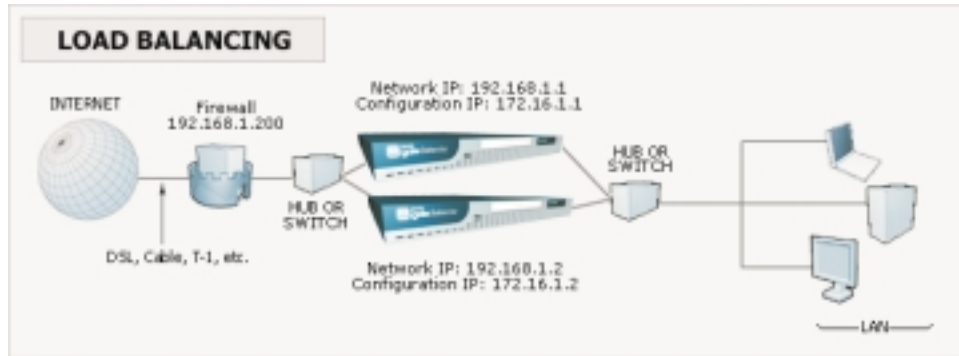




Panda GateDefender

Installing several load-balancing Panda GateDefender units

It is possible to install several load-balancing Panda GateDefender units to improve performance and create a more fault-tolerant system.



To install several load-balancing Panda GateDefender units, it is advisable to locate the appliances between two switches. In this way, collisions are reduced and performance enhanced. This example shows how to install two load-balancing Panda GateDefender units:

1. The first step is to connect the switches with two Panda GateDefender appliances. To do this, connect one of the Panda GateDefender sockets in each unit with the switch that connects to the Internet.
2. Then, connect a network cable to the other socket in each of the GateDefender units. The ends of these cables should connect to the switch which links to the rest of the local network.
3. Once these cables are connected, connect the Panda GateDefender appliances to the power supply.
4. Use the switch on the front to switch them on.
5. Wait for about two minutes while Panda GateDefender starts up and then the configuration process starts.
6. Finally, configure the Panda GateDefender units from their web consoles.

***Note:** For more information about how to access the Panda GateDefender console, follow the instructions in the installation guide.*

7. Once the console is open, change the default configuration IP address so that each GateDefender unit has a different configuration IP address. To do this, follow these steps:
 - Click on **System settings**.
 - Click on **Access to the console**.
 - In the default configuration IP section, enter the IP address that you want to assign to the unit (it must be different from the IP addresses of the other Panda GateDefender units).
 - Click on **Save**.
 - Do the same for each Panda GateDefender unit.



Panda GateDefender

8. Then, change the default network IP addresses and names of the Panda GateDefender units so that each has a different name and IP address. Do that by following the steps below:

- Click on **System settings**.
- Click on **Network environment**.
- In the **GateDefender name** section, indicate the name that you want to give it.
- In the **Network data** section, indicate the IP address that the GateDefender unit will use to connect to the Internet.
- Click on **Save**.
- Do the same for each Panda GateDefender unit.

Note: Neither the network IP address nor the Panda GateDefender configuration IP address must belong to the subnet 1.1.1.0/24, as this range is used internally by the appliance.

9. To enable load-balancing, follow these steps:

- Click on **System settings**, on the left of the web console.
- Choose the option **Load balancing / High availability**.
- In the screen that appears, check the **Enable load balancing** box.
- Click on **Save**.
- Repeat these instructions in each of the Panda GateDefender units that you want to install.