

Re: 2 routers 2 network card

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"-Almazick-" <Almazick@comcast.net> wrote in message
news:9V3dd.283514\$313.98736@attbi_s03...

> *How to setup 2 network cards with 2 routers and not interfering with one
> another network?*

You don't.

The machine can have only one Default Gateway,...that is why it is called "default",...it is Global for the whole machine. If there are two NICs active, then they must be in two different subnets and the traffic will follow the routing table. The routing table will send all "undefined routes" (the Internet) out the Interface associated with the subnet of the Default Gateway. Only "defined routes" will follow the other NIC with the other router when the routing table specifies it to do so.

There is no association between the path inbound packets take vs the path of the return traffic going out. In otherwords if something from the Internet comes in the second router (without the Default Gateway) the return traffic will still go out the first router (with the Default Gateway). Logical Sessions are "statefull",...the path they physically take is not,...that is the difference between a "logical connection" and a "physical connection" like a Phone Call (circuit switched).

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