

- **System Commands**

The following two commands are used to globally enable/disable a local IP address (on your LAN) as the server for that particular protocol and/or port.

**system addServer** <action> <protocol> <port> [<last port>[<first private port>]]

**system delServer** <action> <protocol> <port> [<last port>[<first private port>]]

For more information, see the command descriptions on [page 209](#) and [page 219](#).

Remember to type **save** to make the changes persistent across boots.

**Examples:**

```
system addserver 192.168.1.5 tcp smtp
system addserver 192.168.1.6 tcp 8503 1
system addserver 192.168.1.6 udp 5692
```

The router sends a server request for SMTP to 192.168.1.5 when such a request comes from any remote router running NAT. The router sends any other server request (tcp or udp) to 192.168.1.6.

# save

## Server Request Hierarchy

As shown above, multiple **system addserver**, **remote addserver**, and **eth ip addserver** commands can designate different servers for different protocols, ports, and interfaces. When handling a request from a remote router (to which the local router has NAT enabled), the local router searches the server list for the appropriate server. The following lists the order of search and the command that added the server to the list:

<u>Search Order</u>	<u>Command</u>
1. Protocol and port for a specific interface	<b>remote addserver</b> or <b>eth ip addserver</b>
2. Protocol and port for any interface	<b>system addserver</b>
3. Protocol and any port for a specific interface	<b>remote addserver</b> with <i>port 0</i> or <b>eth ip addserver</b> with <i>port 0</i>
4. Protocol and any port for any interface	<b>system addserver</b> with <i>port 0</i>
5. Any protocol and any port for a specific interface	<b>remote addserver</b> with <i>protocol all</i> and <i>port 0</i> or <b>eth ip addserver</b> with <i>protocol all</i> and <i>port 0</i>
6. Any protocol and any port for any interface	<b>system addserver</b> with <i>protocol all</i> and <i>port 0</i>
7. Local LAN IP address mapped to the WAN interface IP address.	<b>system addhostmapping</b>
8. If none of the above, the local router selects itself (the local router) as the server.	