

## Chapter 6

### rip6query

rip6query is experimental.

#### 6.1 Name

**rip6query** - query RIPng gateways

#### 6.2 Syntax

```
rip6query [ -d ] [ -n ] [ -r ] [ -v ] [ -w time ] [ -N dest[/mask] ]  
[ -I interface name ] hosts ...
```

#### 6.3 Description

**rip6query** is used to request all routes known by a RIPng gateway by sending a **RIPng REQUEST** command. The routing information in any routing packets returned is displayed numerically and symbolically. **rip6query** is intended to be used as a tool for debugging gateways, not for network management.

#### 6.4 Options

- d**  
**-d** specifies that debug output should be printed. These messages are printed to standard output.
- n**  
**-n** prevents the address of the responding host from being looked up to determine the symbolic name.
- N** *dest[/mask]*  
**-N** *dest[/mask]* specifies that the query should be for the specified *dest/mask* instead of the complete routing table.
- r**  
**-r** uses the **RIPng REQUEST** command to request information from the gateway's routing table. This is the default and is provided for backwards compatibility.
- v**  
**-v** (lowercase) displays version information about **rip6query** before querying the gateways.
- w** *time*  
The default *time* is 5 seconds.

## **6.5 Bugs**

Some versions of UNIX do not allow looking up the symbolic name of a subnet.