

Chapter 19

Static Routes

19.1 Static Overview

The **static** statements define the static routes used by GateD. A single **static** statement can specify any number of routes. The **static** statements occur after protocol statements and before control statements in the **gated.conf** file. Any number of **static** statements may be specified, each containing any number of static route definitions. These routes can be overridden by routes with better preference values.

19.2 Static Syntax

```
static {  
    static_dest gateway gateway_list  
        [ interface interface_list ]  
        [ as autonomous_system ]  
        [ preference preference ]  
        [ static_route_flags ] ;  
    static_dest interface interface  
        [ preference preference ]  
        [ static_route_flags ] ;  
};
```

where

```
static_dest is:  
    host [ inet6 ] host |  
    [ inet6 ] default |  
    network [ ( mask mask ) | ( masklen number ) ]
```

and

gateway_list is one or more gateways (routers) that can be used to reach the specified host or subnet.

and

```
static_route_flags are:  
    ( retain | reject | blackhole | noinstall | unicast | multicast )
```

and

host is a host DNS name or address

interface is:

```
( name | address | local address | remote address )
```

interface_list is:

```
all | ( interface ... )      # a list of interfaces
```

More detailed descriptions of these commands can be found on page 337 of the *GateD Command Reference Guide*.