

	Command or Action	Purpose
Step 8	variance <i>multiplier</i> Example: Device(config-router-af-topology)# variance 1	Controls load balancing in an internetwork based on EIGRP.
Step 9	end Example: Device(config-router-af-topology)# end	Exits address family topology configuration mode and returns to privileged EXEC mode.

Adjusting the Interval Between Hello Packets and the Hold Time in an Autonomous System Configuration



Note

Cisco recommends not to adjust the hold time.

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **router eigrp** *autonomous-system-number*
4. **exit**
5. **interface** *type number*
6. **ip hello-interval eigrp** *autonomous-system-number seconds*
7. **ip hold-time eigrp** *autonomous-system-number seconds*
8. **end**

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable Example: Device> enable	Enables privileged EXEC mode. • Enter your password if prompted.

	Command or Action	Purpose
Step 2	configure terminal Example: Device# configure terminal	Enters global configuration mode.
Step 3	router eigrp <i>autonomous-system-number</i> Example: Device(config)# router eigrp 101	Enables an EIGRP routing process and enters router configuration mode. <ul style="list-style-type: none"> • A maximum of 30 EIGRP routing processes can be configured.
Step 4	exit Example: Device(config-router)# exit	Exits to global configuration mode.
Step 5	interface <i>type number</i> Example: Device(config)# interface gigabitethernet 0/1/1	Enters interface configuration mode.
Step 6	ip hello-interval eigrp <i>autonomous-system-number seconds</i> Example: Device(config-if)# ip hello-interval eigrp 109 10	Configures the hello interval for an EIGRP routing process.
Step 7	ip hold-time eigrp <i>autonomous-system-number seconds</i> Example: Device(config-if)# ip hold-time eigrp 109 40	Configures the hold time for an EIGRP routing process. <p>Note Do not adjust the hold time without consulting your technical support personnel.</p>
Step 8	end Example: Device(config-if)# end	Exits interface configuration mode and returns to privileged EXEC mode.