

	Command or Action	Purpose
Step 7	exit-af-interface Example: Device(config-router-af-interface) # exit-af-interface	Exits address family interface configuration mode.
Step 8	topology {base topology-name tid number} Example: Device(config-router-af) # topology base	Configures an EIGRP process to route IP traffic under the specified topology instance and enters address family topology configuration mode.
Step 9	summary-metric network-address subnet-mask bandwidth delay reliability load mtu Example: Device(config-router-af-topology) # summary-metric 192.168.0.0/16 10000 10 255 1 1500	(Optional) Configures a fixed metric for an EIGRP summary aggregate address.
Step 10	end Example: Device(config-router-af-topology) # end	Exits address family topology configuration mode and returns to privileged EXEC mode.

Configuring the EIGRP Event Logging Autonomous System Configuration

SUMMARY STEPS

1. enable
2. configure terminal
3. router eigrp autonomous-system
4. eigrp event-log-size size
5. eigrp log-neighbor-changes
6. eigrp log-neighbor-warnings [seconds]
7. end

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable	Enables privileged EXEC mode.

	Command or Action	Purpose
	Example: Device> enable	<ul style="list-style-type: none"> Enter your password if prompted.
Step 2	configure terminal Example: Device# configure terminal	Enters global configuration mode.
Step 3	router eigrp <i>autonomous-system</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	eigrp event-log-size <i>size</i> Example: Device(config-router)# eigrp event-log-size 5000010	(Optional) Sets the size of the EIGRP event log.
Step 5	eigrp log-neighbor-changes Example: Device(config-router)# eigrp log-neighbor-changes	(Optional) Enables logging of EIGRP neighbor adjacency changes. <ul style="list-style-type: none"> By default, the system logs EIGRP neighbor adjacency changes to help you monitor the stability of the routing system and detect problems.
Step 6	eigrp log-neighbor-warnings [<i>seconds</i>] Example: Device(config-router)# eigrp log-neighbor-warnings 300	(Optional) Enables the logging of EIGRP neighbor warning messages.
Step 7	end Example: Device(config-router)# end	Exits router configuration mode and returns to privileged EXEC mode.