



命令名	string	功能	node_type
show ipv6 ripng cmd	show ipv6 ripng	显示ripng路由条目	VIEW NODE & ENABLE NODE
router_ripng_cmd	router ripng	打开一个ripng实例,初始化struct ripng结构体	CONFIG_NODE
install_default生成			RIPNG_NODE
ripng_route_cmd	route IPV6ADDR	设置静态ripng路由条目	RIPNG_NODE
no_ripng_route_cmd	no route IPV6ADDR	删除静态ripng路由条目	RIPNG_NODE
ripng aggregate address cmd	aggregate-address X:X:X:X/M	aggregate network	RIPNG NODE
no_ripng_aggregate_address_cmd	no aggregate-address X:X:X:X/M		RIPNG_NODE
ripng_default_metric_cmd	default-metric <1-16>	设置默认的metric值	RIPNG_NODE
no_ripng_default_metric_cmd	no default-metric	没有默认的metric值	RIPNG_NODE
no_ripng_default_metric_val_cmd	no default-metric <1-16>	用处不明	RIPNG_NODE
ripng_timers_cmd	timers basic <0-65535> <0-65535> <0-65535>	update timer(30s), timeout timer(180s), garbage collection(120s)	RIPNG_NODE
no_ripng_timers_cmd	no timer basic	设置几个timer为默认值	RIPNG_NODE
ripng_default_information_originate_cmd	default-information originate	分发默认路由	RIPNG_NODE
no_ripng_default_information_originate_cmd	no default-information originate	不分发默认路由	RIPNG NODE

表1——ripng_init基本cmd列表

命令名	string	功能	node_type
interface cmd	interface IFNAME	选择需要配置的interface	CONFIG NODE
config_end_cmd	end	退出当前模式并进入enable模式	INTERFACE_NODE
config_exit_cmd	exit	退出当前模式并进入前一种模式	INTERFACE_NODE
config_help_cmd	help	打印help信息	INTERFACE_NODE
interface_desc_cmd	description .LINE	设置interface描述信息	INTERFACE_NODE
no interface desc cmd	no description	设置Interface描述信息为NULL	INTERFACE NODE
ripng_network_cmd	network IF_OR_ADDR	在interface或者某个网络上开启ripng	RIPNG_NODE
no_ripng_network_cmd	no network IF_OR_ADDR	在interface或者某个网络上关闭ripng	RIPNG_NODE
ripng_passive_interface_cmd	passive-interface IFNAME	将interface设置passive模式	RIPNG_NODE
no_ripng_passive_interface_cmd	no passive-interface IFNAME	将interface移除passive模式	RIPNG_NODE

表2——ripng_if_init接口操作cmd列表

命令名	string	功能	node_type
show debugging ripng cmd	show debugging ripng	查看ripng debugging信息	ENABLE NODE & VIEW NODE
debug_ripng_events_cmd	debug ripng events	设置debug options为事件,即设置 ripng_debug_event的值	ENABLE_NODE & CONFIG_NODE
debug_ripng_packet_cmd	debug ripng packet	设置debug options为packet模式 RIPNG_DEBUG_PACKET RIPNG_DEBUG_SEND RIPNG_DEBUG_RECV	ENABLE_NODE & CONFIG_NODE
debug_ripng_packet_derict_cmd	debug ripng packet (recv send)	(RIPNG_DEBUG_PACKET RIPNG_DEBUG_SEND 或 RIPNG_DEBUG_PACKET RIPNG_DEBUG_RECV) & ~RIPNG_DEBUG_DETAIL	ENABLE_NODE & CONFIG_NODE
debug_ripng_packet_detail_cmd	debug ripng packet (recv send) detail	(RIPNG_DEBUG_PACKET RIPNG_DEBUG_SEND 或 RIPNG_DEBUG_PACKET RIPNG_DEBUG_RECV) RIPNG_DEBUG_DETAIL	ENABLE_NODE & CONFIG_NODE
debug_ripng_zebra_cmd	debug ripng zebra	设置debug options为ripng与zebra的交互过程	ENABLE_NODE & CONFIG_NODE
no debug ripng events cmd	no debug ripng events		ENABLE NODE & CONFIG NODE
no_debug_ripng_packet_cmd	no_debug_ripng packet		
no_debug_ripng_packet_direct_cmd	no debug ripng packet (recv send)		
no_debug_ripng_zebra_cmd	no debug ripng zebra		

表3——ripng_debug_init DEBUG操作cmd列表

string	功能	node_type
show ipv6 access-list	显示access_list所有内容	ENABLE_NODE
show ipv6 access-list WORD	显示name = WORD的access list	ENABLE NODE
ipv6 access-list WORD (deny permit) X:X:X:X	M 在名为WORD的access list添加一条filter条目	CONFIG NODE
ipv6 access-list WORD (deny permit) X:X:X/M exact-match	在名为WORD的access_list添加一条filter条目,其中filter中的exact字段为1	CONFIG_NODE
ipv6 access-list WORD (deny permit) any	在名为WORD的access_list添加-条filter条目,其中filter中的prefix字段为"::/0"	CONFIG_NODE
no ipv6 access-list WORD (deny permit) X:X:X/M exact-match	在WORD中删除一条exact_match = 1的filter	CONFIG_NODE
no ipv6 access-list WORD (deny permit) X:X:X/M	在WORD中删除一条exact_match = 0的filter	CONFIG_NODE
no ipv6 access-list WORD (deny permit) any	在WORD中删除一条prefix为"::/0"的filter	CONFIG_NODE
no ipv6 access-list WORD	删除整个WORD(access_list)	CONFIG_NODE
ipv6 access-list WORD remark .LINE	设置WORD的remark字段,如果WORD不存在, 则创建WORD	CONFIG_NODE
no ipv6 access-list WORD remark	设置WORD的remark字段为NULL,如果WORD不存在,则什么都不做。如果WORD filter链表为空,则删除WORD	CONFIG_NODE
	show ipv6 access-list show ipv6 access-list WORD ipv6 access-list WORD (deny permit) X:X:X:X/ ipv6 access-list WORD (deny permit) X:X:X:X/M exact-match ipv6 access-list WORD (deny permit) any no ipv6 access-list WORD (deny permit) X:X:X:X/M exact-match no ipv6 access-list WORD (deny permit) X:X:X:X/M no ipv6 access-list WORD (deny permit) no ipv6 access-list WORD (deny permit) ipv6 access-list WORD (deny permit) ipv6 access-list WORD ipv6 access-list WORD	show ipv6 access-list WORD show ipv6 access-list WORD ipv6 access-list WORD (deny permit) X:X:X:X/M 在名为WORD的access list ipv6 access-list WORD (deny permit) X:X:X:X/M exact-match ipv6 access-list WORD (deny permit) any no ipv6 access-list WORD (deny permit) X:X:X:X/M exact-match ipv6 access-list WORD (deny permit) X:X:X:X/M exact-match no ipv6 access-list WORD (deny permit) X:X:X:X/M no ipv6 access-list WORD (deny permit) X:X:X:X/M no ipv6 access-list WORD (deny permit) x:X:X:X/M no ipv6 access-list WORD (deny permit) y:X:X:X:X/M no ipv6 access-list WORD (deny permit) no ipv6 access-list WORD (deny permit) ipv6 access-list WORD (deny permit) ipv6 access-list WORD (deny permit) ipv6 access-list WORD remark .LINE ### Cabyword bit access list in its in

表4——access_list_init 接口中access_list操作cmd列表









