Modifying /etc/sysctl.conf

If the Results match, there is no need to modify the file or run the commands. If the Results do not match or give no response, you must modify systctl.conf and run the commands.

Command to test	Result	Modify /etc/sysctl.conf	Commands to run
/sbin/sysctl net.ipv4.ip_forward	0	net.ipv4.ip_forward=0	# /sbin/sysctl -w net.ipv4.ip_forward=0 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv4.conf.all.send_redirects /sbin/sysctl net.ipv4.conf.default.send_redirects	0 0	net.ipv4.conf.all.send_redirects=0 net.ipv4.conf.default.send_redirects=0	# /sbin/sysctl -w net.ipv4.conf.all.send_redirects=0 # /sbin/sysctl -w net.ipv4.conf.default.send_redirects=0 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv4.conf.all.accept_redirects /sbin/sysctl net.ipv4.conf.default.accept_redirects	0 0	net.ipv4.conf.all.accept_redirects=0 net.ipv4.conf.default.accept_redirects=0	# /sbin/sysctl -w net.ipv4.conf.all.accept_redirects=0 # /sbin/sysctl -w net.ipv4.conf.default.accept_redirects=0 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv4.conf.all.secure_redirects /sbin/sysctl net.ipv4.conf.default.secure_redirects	0 0	net.ipv4.conf.all.secure_redirects=0 net.ipv4.conf.default.secure_redirects=0	# /sbin/sysctl -w net.ipv4.conf.all.secure_redirects=0 # /sbin/sysctl -w net.ipv4.conf.default.secure_redirects=0 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv4.conf.all.log_martians /sbin/sysctl net.ipv4.conf.default.log_martians	0 0	net.ipv4.conf.all.log_martians=1 net.ipv4.conf.default.log_martians=1	# /sbin/sysctl -w net.ipv4.conf.all.log_martians=1 # /sbin/sysctl -w net.ipv4.conf.default.log_martians=1 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv4.icmp_echo_ignore_broadcasts	1	net.ipv4.icmp_echo_ignore_broadcasts=1	# /sbin/sysctl -w net.ipv4.icmp_echo_ignore_broadcasts=1 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv4.icmp_ignore_bogus_error_responses	1	net.ipv4.icmp_ignore_bogus_error_responses=1	# /sbin/sysctl -w net.ipv4.icmp_ignore_bogus_error_responses=1 # /sbin/sysctl -w net.ipv4.route.flush=1

/sbin/sysctl net.ipv4.conf.all.rp_filter /sbin/sysctl net.ipv4.conf.default.rp_filter	1 1	net.ipv4.conf.all.rp_filter=1 net.ipv4.conf.default.rp_filter=1	# /sbin/sysctl -w net.ipv4.conf.all.rp_filter=1 # /sbin/sysctl -w net.ipv4.conf.default.rp_filter=1 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv4.tcp_syncookies	1	net.ipv4.tcp_syncookies=1	# /sbin/sysctl -w net.ipv4.tcp_syncookies=1 # /sbin/sysctl -w net.ipv4.route.flush=1
/sbin/sysctl net.ipv6.conf.all.accept_ra /sbin/sysctl net.ipv6.conf.default.accept_ra	0 0	net.ipv6.conf.all.accept_ra=0 net.ipv6.conf.default.accept_ra=0	# /sbin/sysctl -w net.ipv6.conf.all.accept_ra=0 # /sbin/sysctl -w net.ipv6.conf.default.accept_ra=0 # /sbin/sysctl -w net.ipv6.route.flush=1
/sbin/sysctl net.ipv6.conf.all.accept_redirects /sbin/sysctl net.ipv6.conf.default.accept_redirects	0 0	net.ipv6.conf.all.accept_redirects=0 net.ipv6.conf.default.accept_redirects=0	# /sbin/sysctl -w net.ipv6.conf.all.accept_redirects=0 # /sbin/sysctl -w net.ipv6.conf.default.accept_redirects=0 # /sbin/sysctl -w net.ipv6.route.flush=1
ip addr | grep inet6	None	net.ipv6.conf.all.disable_ipv6=1 net.ipv6.conf.default.disable_ipv6=1 net.ipv6.conf.lo.disable_ipv6=1	sysctl -p