config acl counter start

! Allow DNS

config acl rule add BLACKHOLE 1

config acl rule destination port range BLACKHOLE 1 0 65535

config acl rule action BLACKHOLE 1 permit

config acl rule source port range BLACKHOLE 1 53 53

config acl rule protocol BLACKHOLE 1 17

config acl rule add BLACKHOLE 2

config acl rule destination port range BLACKHOLE 2 53 53

config acl rule action BLACKHOLE 2 permit

config acl rule source port range BLACKHOLE 2 0 65535

config acl rule protocol BLACKHOLE 2 17

!Allow DHCP

config acl rule add BLACKHOLE 3

config acl rule destination port range BLACKHOLE 3 67 67

config acl rule action BLACKHOLE 3 permit

config acl rule source port range BLACKHOLE 3 68 68

config acl rule protocol BLACKHOLE 3 6

config acl rule add BLACKHOLE 4

config acl rule destination port range BLACKHOLE 4 68 68

config acl rule action BLACKHOLE 4 permit

config acl rule source port range BLACKHOLE 4 67 67

config acl rule protocol BLACKHOLE 4 6

!Allow redirect to Blackhole portal

config acl rule add BLACKHOLE 5

config acl rule destination port range BLACKHOLE 5 8444 8444

config acl rule destination address BLACKHOLE 5 **<ISE-IP-Address>**

config acl rule action BLACKHOLE 5 permit

config acl rule source port range BLACKHOLE 5 0 65535

config acl rule direction BLACKHOLE 5 in

config acl rule protocol BLACKHOLE 5 6

config acl rule add BLACKHOLE 6

config acl rule destination port range BLACKHOLE 6 0 65535

config acl rule action BLACKHOLE 6 permit

config acl rule source port range BLACKHOLE 6 8444 8444

config acl rule source address BLACKHOLE 6 **<ISE-IP-Address>**

config acl rule direction BLACKHOLE 6 out

config acl rule protocol BLACKHOLE 6 6

config acl rule add BLACKHOLE 7

config acl rule destination port range BLACKHOLE 7 8444 8444

config acl rule destination address BLACKHOLE 7 **<ISE-IP-Address>**

config acl rule action BLACKHOLE 7 permit

config acl rule source port range BLACKHOLE 7 0 65535

config acl rule direction BLACKHOLE 7 in

config acl rule protocol BLACKHOLE 7 6

config acl rule add BLACKHOLE 8

config acl rule destination port range BLACKHOLE 8 0 65535

config acl rule action BLACKHOLE 8 permit

config acl rule source port range BLACKHOLE 8 8444 8444

config acl rule source address BLACKHOLE 8 **<ISE-IP-Address>**

config acl rule direction BLACKHOLE 8 out

config acl rule protocol BLACKHOLE 8 6

! Final rule that blocks

config acl rule add BLACKHOLE 9

config acl rule destination port range BLACKHOLE 9 0 65535

config acl rule source port range BLACKHOLE 9 0 65535

config acl create BLACKHOLE

config acl apply BLACKHOLE