

Extended ACL

```
interface GigabitEthernet0/0
 ip address 10.2.1.1 255.255.0.0
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 10.4.1.2 255.255.0.0
 ip access-group 1 in
 ip access-group 100 out
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 ip address 10.5.1.1 255.255.0.0
 ip access-group 1 in
 ip access-group 100 out
 duplex auto
 speed auto
!
ip forward-protocol nd
!
no ip http server
no ip http secure-server
!
ip route 0.0.0.0 0.0.0.0 10.4.1.1
ip route 10.0.0.0 255.248.0.0 10.4.1.1
ip route 10.0.0.0 255.255.0.0 10.4.1.1
!
access-list 1 deny 131.183.52.90
access-list 1 permit any
access-list 100 deny icmp 10.0.0.0 0.7.255.255 any echo-reply
access-list 100 permit tcp any any
access-list 100 permit udp any any
!
!
```

Ping site

```
C:\Users\admin>ping myut.utoledo.edu

Pinging webfarmprd03.ha.utoledo.edu [131.183.52.90] with 32 bytes of data:
Reply from 131.183.52.90: bytes=32 time=1ms TTL=247
Reply from 131.183.52.90: bytes=32 time=1ms TTL=247
Reply from 131.183.52.90: bytes=32 time=1ms TTL=247
Reply from 131.183.52.90: bytes=32 time=2ms TTL=247
```

Standard ACL

```
!
interface GigabitEthernet0/0
 ip address 10.2.1.1 255.255.0.0
 duplex auto
 speed auto
!
interface GigabitEthernet0/1
 ip address 10.4.1.2 255.255.0.0
 ip access-group 1 in
 duplex auto
 speed auto
!
interface GigabitEthernet0/2
 ip address 10.5.1.1 255.255.0.0
 ip access-group 1 in
 duplex auto
 speed auto
!
ip forward-protocol nd
!
no ip http server
no ip http secure-server
!
ip route 0.0.0.0 0.0.0.0 10.4.1.1
ip route 10.0.0.0 255.248.0.0 10.4.1.1
ip route 10.0.0.0 255.255.0.0 10.4.1.1
!
access-list 1 deny 131.183.52.90
access-list 1 permit any
!
!
```