

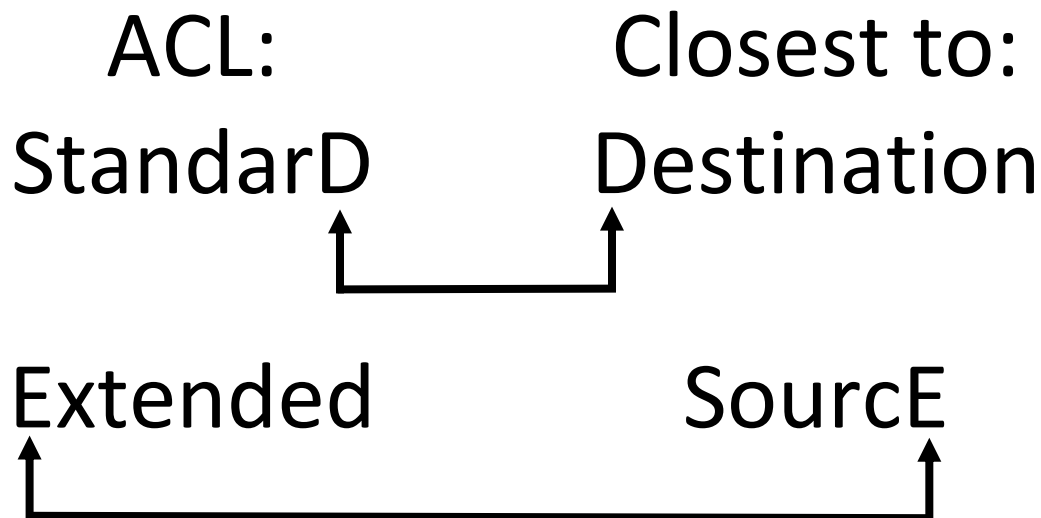
Access Control List(s)- ACL

A **standard** ACL can permit or deny traffic based only on the source address(s).

An **extended** ACL can permit or deny traffic based on both the source and destination address(s) as well as tcp/udp/icmp traffic types, and port numbers.

Standard	Extended
Match Source (entire protocol)	Match Source & Destination (individual port)
#1-99, 1300-1999	#100-199, 2000-2699
Place close to destination	Place close to source

Visual Aid



Standard example

```
access-list 1 permit 10.1.1.0 0.0.0.255
```

```
access-list 1 permit any
```

Extended example

```
access-list 101 permit ip any 10.1.1.0 0.0.0.255
```

```
access-list 101 permit ip 172.16.30.1 10.1.1.0 0.0.0.255
```

```
access-list 101 permit tcp any 10.1.1.0 0.0.0.255 eq 80
```