## ASSIGNMENT-3

AIM : BECESS CONTROL LISTS

PRRAIEM STATEMENT: Veing a NIW simulator, Configure a nonter using nonter commands, and

THEORY :

\* ACCESS GONTRUL LISTS:

together by a ho or name that is used to filter traffic entering or leaving an interface.

when activating an ACL on an interface you must specify in which direction the traffic should be filtered.

- Inbound (as traffic enters interface) - Ontbound (before traffic exits interface)

Inbound Acls:

Incoming packets are processed before they are nowted to an outbound interface on infound of routing lookups if the packet will be discarded after it is devied by the fittering tests of the packet is permitted by tests, it is processed for houting.

Incoming packets are nouted to the outbound interface a then processed through outbound ace

ALL LIST RANGES:

TYPE RANGE

1-99

IP Extended 100-199

IP Standard Expanded 1300-1919

Range

7. Extended Expanded 2000-2691

Range

STANDALD ACCESS LISTS:

- Because a standard access list filters only
traffic based on source traffic, all you need
is IP address of host or lubret you want
to permit or day.

aces are created in global configuration made then applied on an interface.

Syntax:
decess-list {1-99 | 1300-1999 } & permit | deny } sre-add
[wildcard mask]

to create an entry in a standard ACL:

- on interface to which to apply the ACL.
- iii de the IP access gap interface configuration command to activate existing ACI on an interface.

EXTENSES ACCESS LISTS:

- du extended ACL gives you much more pouver

than just a standard ACL.

Extended Acis check both source & destriction packet addresses. They can also check for specific postocols, post numbers, & other passanaters that allow administrators enous flexibility & control.

i the accest-list global configuration command to create on entry in an extended Acc.

- in the the interface configuration command to select on interface to which to apply the ACL.
- iii Ver IP occess group interface configuration command to activate eniting ACL on an interface

· conceusion:
In this assignment, we successfully configured souter reling routes commands & configured Acid using a How simulator.