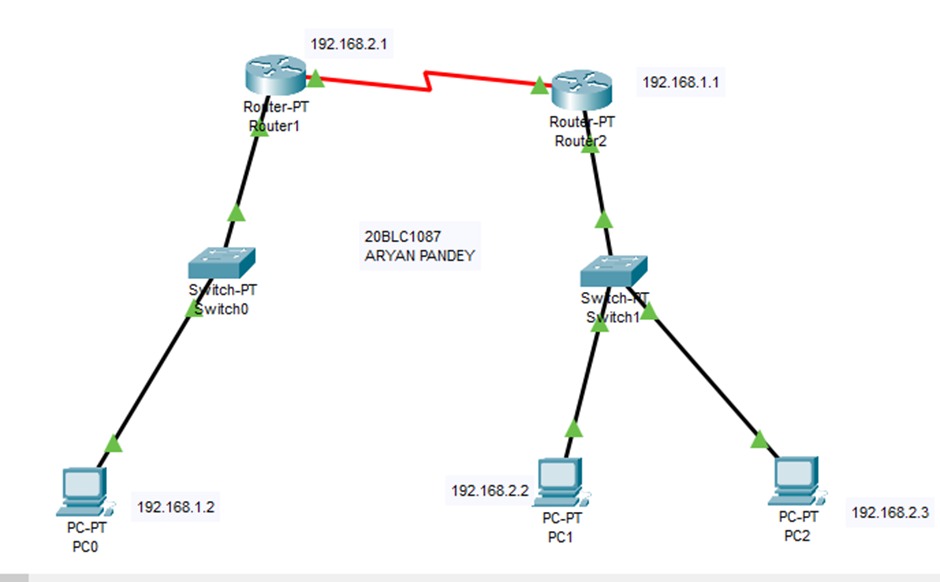
Aim: - Configuration of standard and extended Access List using Cisco Packet Tracer.

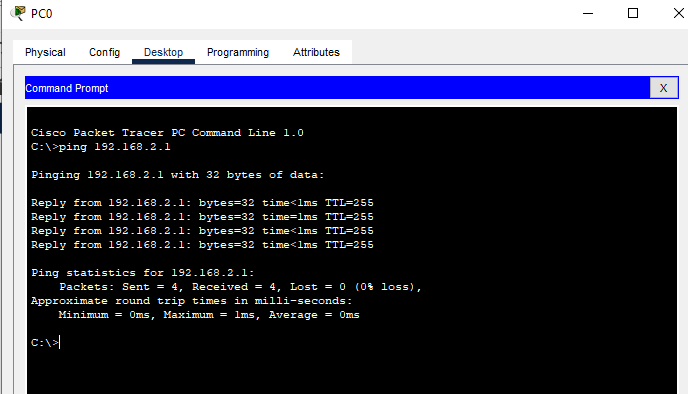
Software Required: -

Cisco Packet Tracer 8.2.0

Procedure and Outputs: -

Step 1: - Make Topology





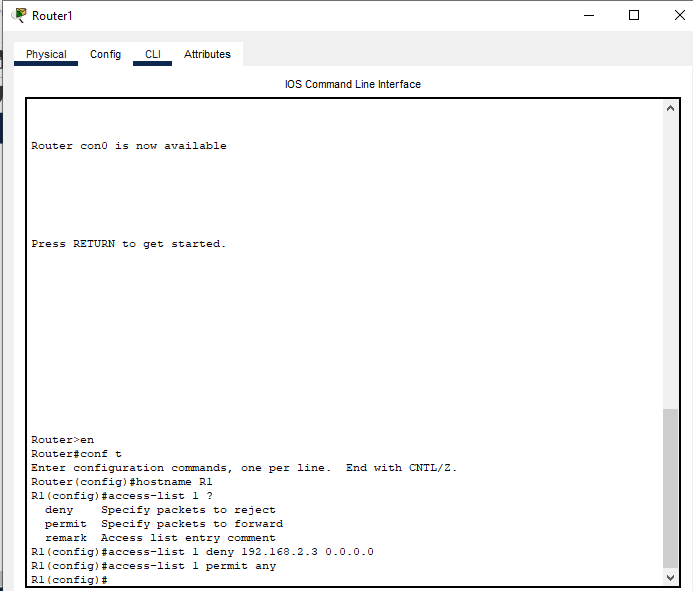
Graphical user interface, application

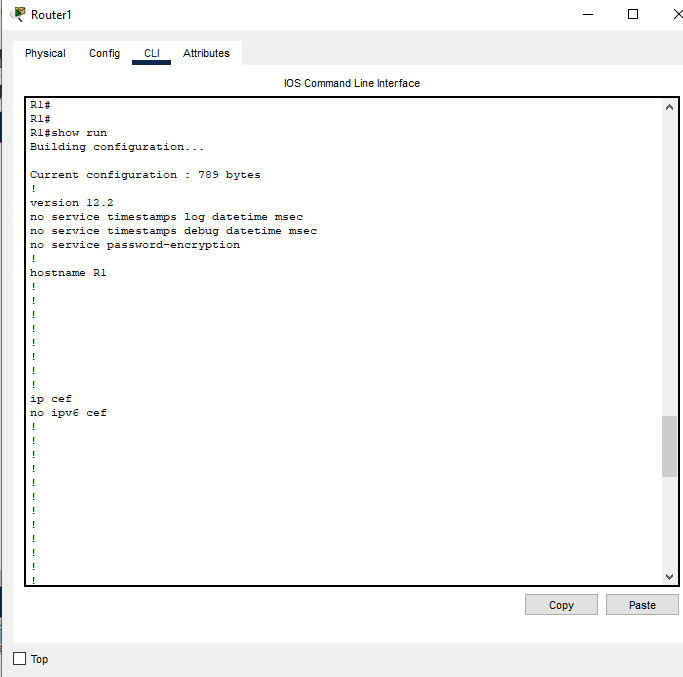
Description automatically generated

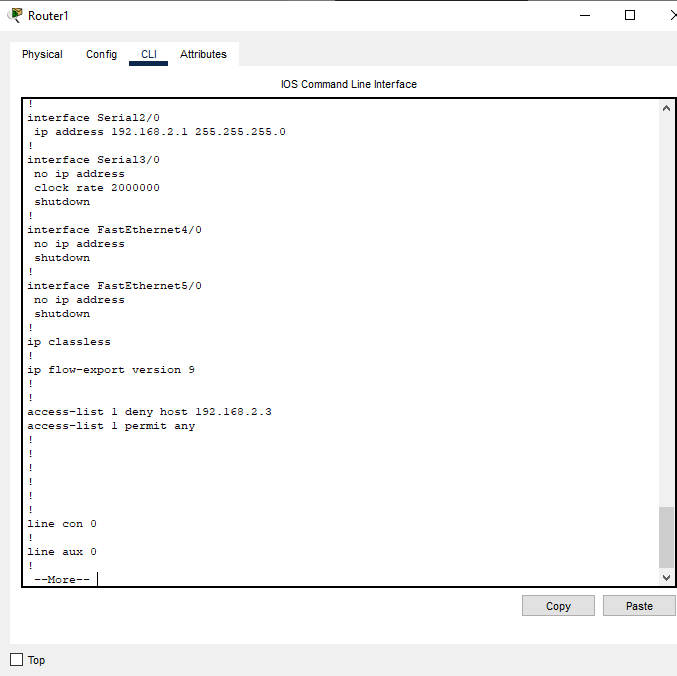
CREATE ACCESS LIST

Diagram

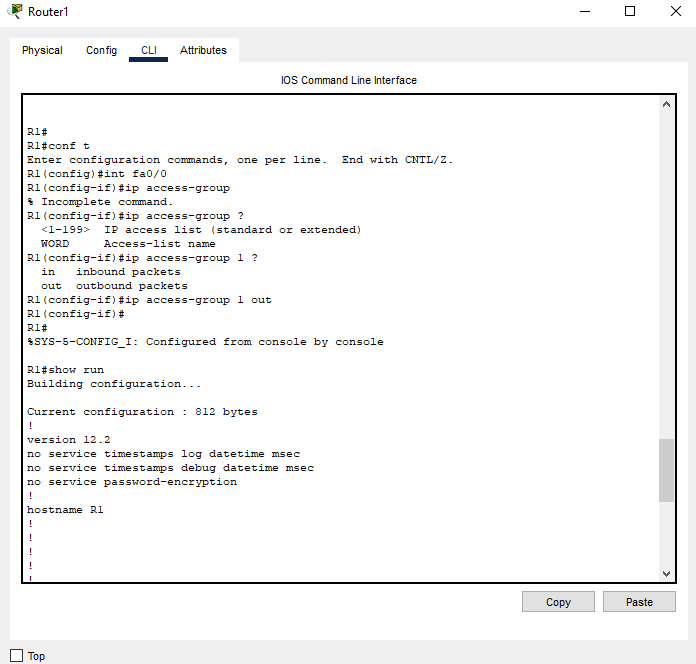
Description automatically generated





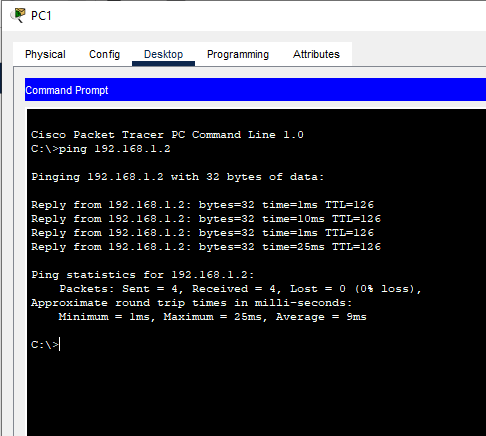


APPLY ACCESS LIST TO AN INTERFACE: -

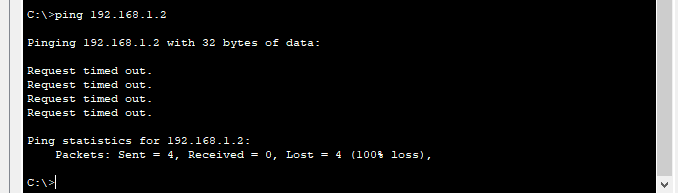
Graphical user interface, text, application

Description automatically generated

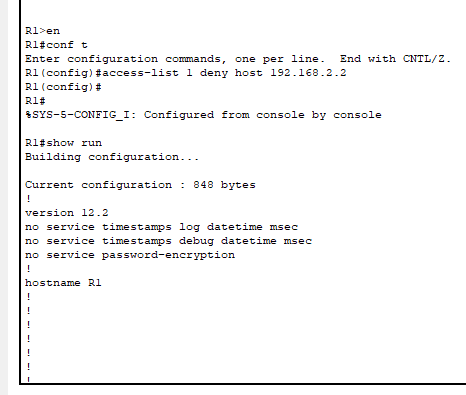
PC1 IS ABLE TO PING PC0: -



PC2 UNABLE TO PING PC0: -



BLOCK ACCESS TO 192.168.2.2 (PC2): -



Text, letter

Description automatically generated

Cannot block as third line will not get executed.  
For access list, add specific statements at the top and most general statements at the bottom.

PC1 still able to connect PC0.

A picture containing graphical user interface

Description automatically generated

ADDING ONE MORE HOST TO THE NETWORK: -

Diagram

Description automatically generated

Text

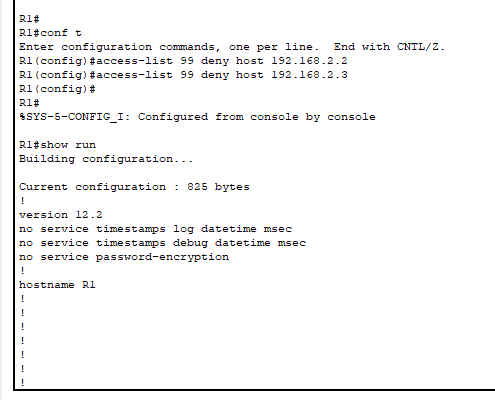
Description automatically generated

ACCESS LIST IS NOW NOT AVAILABLE: -

Text, letter

Description automatically generated

CREATING NEW ACCESS LIST: -



Text, letter

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

NEW ADDED PC3 UNABLE TO ACCESS PC0: -

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text

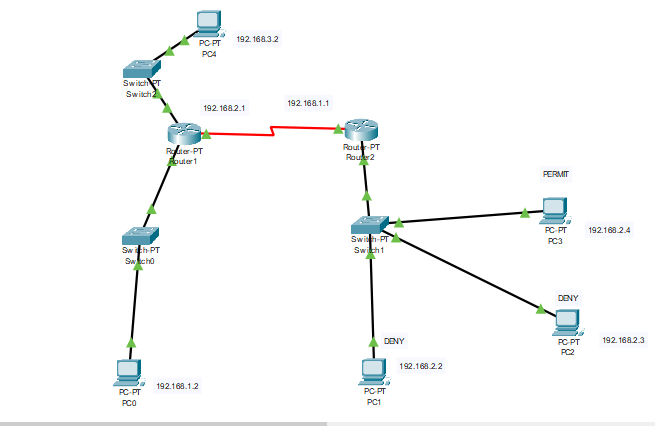
Description automatically generated

HOST IS ABLE TO PING PC0: -

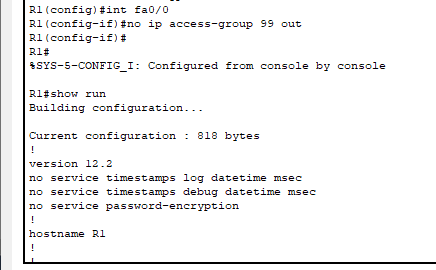
Text

Description automatically generated

ADDING ONE MORE NETWORK TO ROUTER1: -



PC 3 ABLE TO PING PC4: -



Text

Description automatically generated

ACCESS LIST NO LONGER APPLIED: -

Calendar

Description automatically generated with low confidence

Text

Description automatically generated

Text

Description automatically generated

Text

Description automatically generated

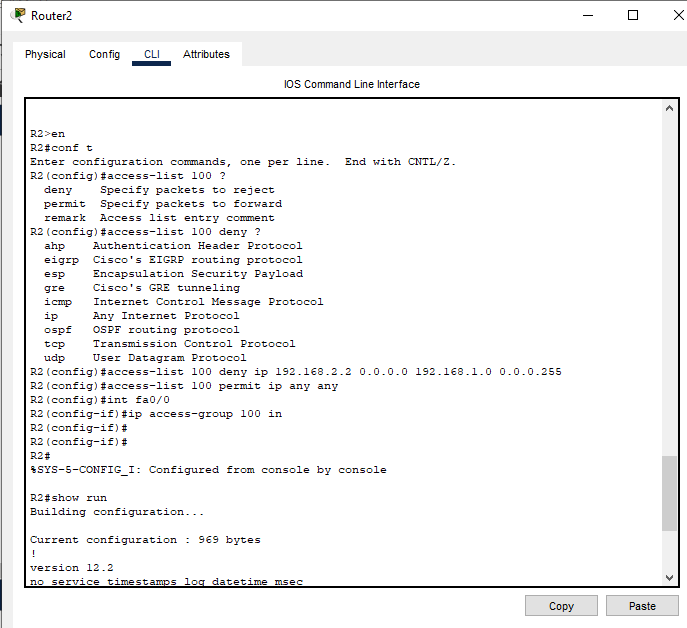
Text

Description automatically generated with medium confidence

**Part 2: -**

**EXTENDED ACL**

APPLIED CLOSEST TO THE SOURCE: -



Graphical user interface, text, application, email

Description automatically generated

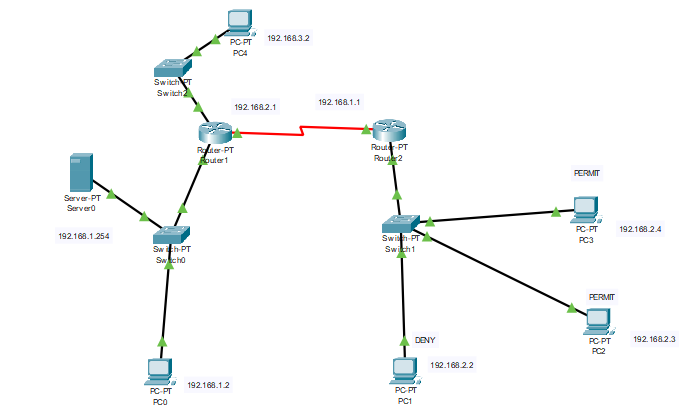
DESTINTION HOST NOT REACHEABLE: -

Text

Description automatically generated with medium confidence

EXTENDED ACL: -  
DENIES OR PERMITS SOURCE IP ADDRESS, DETINATION IP ADDRESS, PORT(SERVICE): -

ADDING SERVER TO THE NETWORK: -



DENYIING ACCESS TO PC0 AND GIVING ACCESS TO SERVER: -

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

SERVER IS REACHABLE AND PC0 IS UNREACHABLE FROM PC1: -

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

Result: -

Configuration of standard and extended Access List using Cisco Packet Tracer.