

Feasibility report for

IAS Lab 2 Assignment

Submitted by

BHAJAN KUMAR BARMAN (181IT211)

VI SEM B.Tech (IT)

Under the guidance of

Dr.BHAWANA RUDRA

Dept of IT, NITK Surathkal

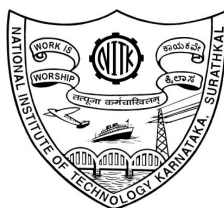
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ACL-File :

Source IP	Source Port	Destination IP	Destination Port	Action
10.100.54.*	Any	Any	Any	Allow
Any	Any	Any	80	Deny
Any	Any	10.100.53.1	443	Deny
Any	Any	10.100.54.*	Any	Deny
Any	Any	Any	Any	Deny

TEST CASE 1:

10.100.54.*	Any	Any	Any	Allow
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```
jacky@jacky-Strix-G531GT-G531GT:~/Desktop/IAS_LAB$ python3 lab2.py testcase1.txt
IPv4 PACKET INFORMATION:
Protocol Used: TCP
Source macAddress : 6c.c2.17.77.0.a6    Destination macAddress : 50.eb.1a.90.61.32
Source ipAddress : 10.100.53.123    Destination ipAddress : 54.72.51.202
Source Port : 1949    Destination Port :8282
ACTION: DENY
```

TEST CASE 2:

Any Any Any 80 Deny

```
jacky@jacky-Strix-G531GT-G531GT:~/Desktop/IAS_LAB$ python3 lab2.py testcase2.txt

IPv4 PACKET INFORMATION:
Protocol Used: TCP
Source macAddress : 50.eb.1a.90.61.32   Destination macAddress : 6c.c2.17.77.0.a6
Source ipAddress : 54.72.51.202   Destination ipAddress : 10.100.53.123
Source Port : 8282   Destination Port :1949

ACTION: ACCESS ALLOWED
```

TEST CASE 3:

Any Any 10.100.53.1 443 Deny

```
jacky@jacky-Strix-G531GT-G531GT:~/Desktop/IAS_LAB$ python3 lab2.py testcase3.txt

IPv4 PACKET INFORMATION:
Protocol Used: UDP
Source macAddress : 30.9c.23.50.ce.c0   Destination macAddress : ff.ff.ff.ff.ff.ff
Source ipAddress : 10.100.55.138   Destination ipAddress : 255.255.255.255
Source Port : 61980   Destination Port :1947

ACTION: ACCESS ALLOWED
```

TEST CASE 4:

Any Any 10.100.54.* Any Deny

```
jacky@jacky-Strix-G531GT-G531GT:~/Desktop/IAS_LAB$ python3 lab2.py testcase4.txt

IPv4 PACKET INFORMATION:
Protocol Used: TCP
Source macAddress : 6c.c2.17.77.0.a6   Destination macAddress : 50.eb.1a.90.61.32
Source ipAddress : 10.100.53.123   Destination ipAddress : 13.33.142.118
Source Port : 2323   Destination Port :443

ACTION: ACCESS ALLOWED
```

TEST CASE 5:

Any **Any** **Any** **Any** **Deny**

```
jacky@jacky-Strix-G531GT-G531GT:~/Desktop/IAS_LAB$ python3 lab2.py testcase5.txt
```

```
IPv4 PACKET INFORMATION:
```

```
Protocol Used: TCP
```

```
Source macAddress : 50.eb.1a.90.61.32      Destination macAddress : 6c.c2.17.77.0.a6
```

```
Source ipAddress : 13.33.142.118      Destination ipAddress : 10.100.53.123
```

```
Source Port : 443      Destination Port :2323
```

```
ACTION: DENY
```