



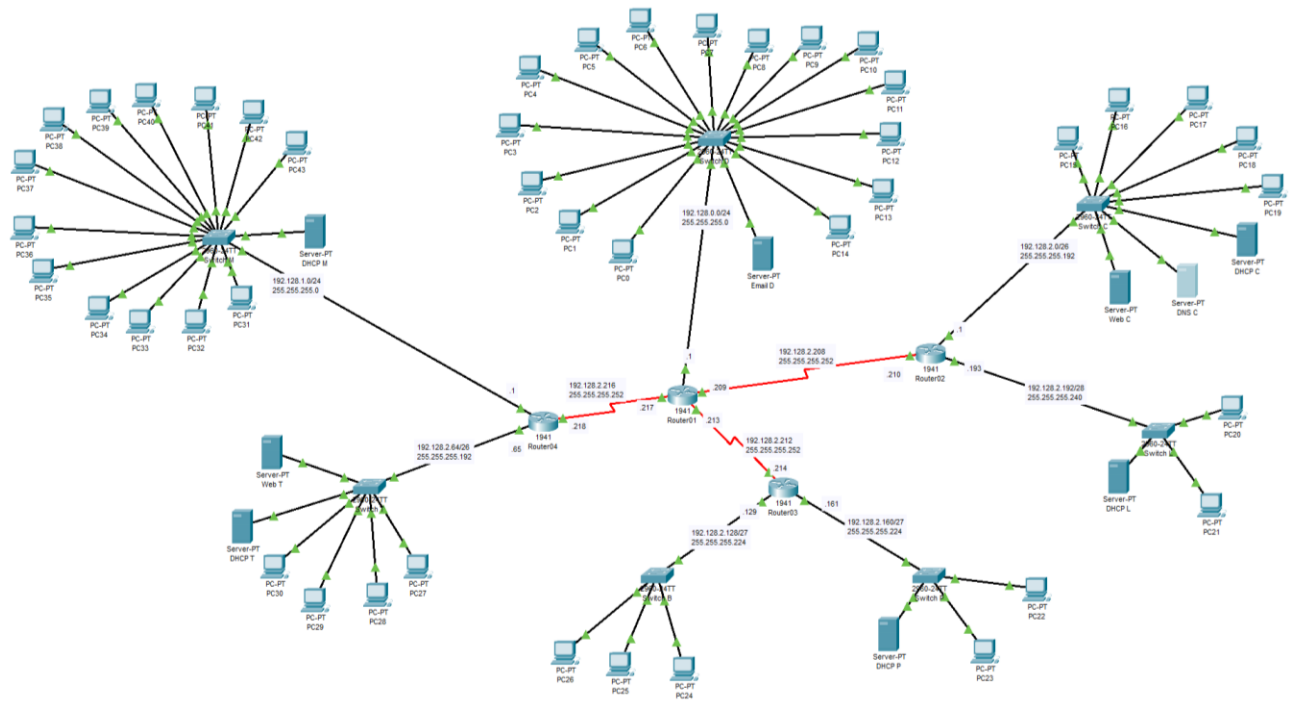
CSE421: Computer Network
Project Title: Attack on Finances (AoF)

Submitted By:
Group-201

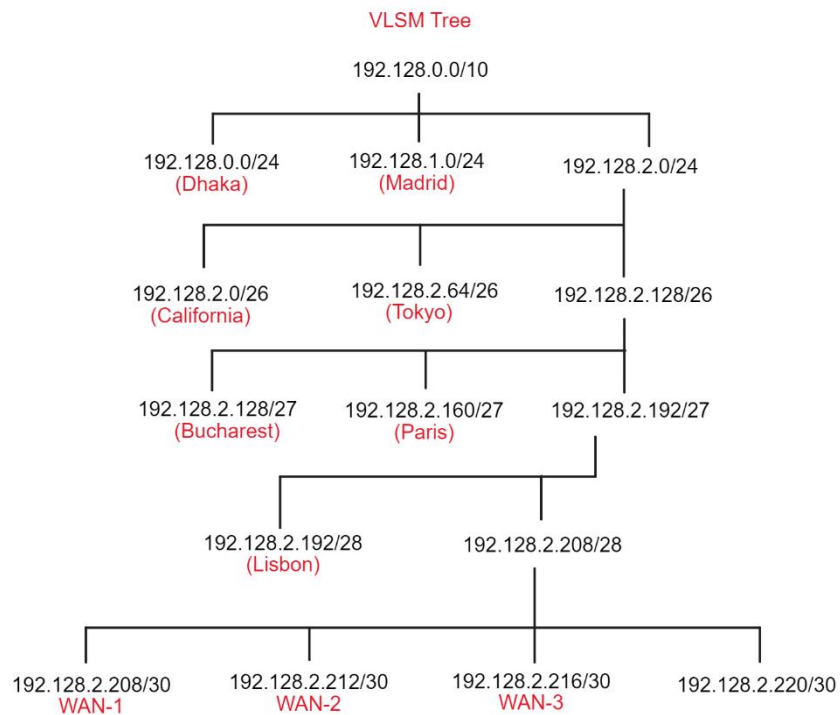
Student ID	Student Name
19101077	Mohammad Shafkat Hasan
18101698	Muhtasim Fuad Ayon
20101607	Mahpara Chowdhury
18301182	Aseer Iqtider Chowdhury

Date of Submission:
14th April 2023

Network Topology:



VLSM TREE:



Addressing Table

Device	Interface	IP Address Prefix	Subnet Mask	Default Gateway
Router01	G0/0	192.128.0.1	255.255.255.0	N/A
	S0/0/0	192.128.2.209	255.255.255.252	N/A
	S0/0/1	192.128.2.213	255.255.255.252	N/A
	S0/1/0	192.128.2.217	255.255.255.252	N/A
Router02	G0/0	192.128.2.1	255.255.255.192	N/A
	G0/1	192.128.2.193	255.255.255.240	N/A
	S0/0/0	192.128.2.210	255.255.255.252	N/A
Router03	G0/0	192.128.2.161	255.255.255.224	N/A
	G0/1	192.128.2.129	255.255.255.224	N/A
	S0/0/1	192.128.2.214	255.255.255.252	N/A
Router04	G0/0	192.128.2.65	255.255.255.192	N/A
	G0/1	192.128.1.1	255.255.255.0	N/A
	S0/1/0	192.128.2.218	255.255.255.252	N/A

Device	Interface	IP Address Prefix	Subnet Mask	Default Gateway	DNS Server
PC0	Fa0	192.128.0.2	255.255.255.0	192.128.0.1	192.128.2.11
PC1	Fa0	192.128.0.3	255.255.255.0	192.128.0.1	192.128.2.11
PC2	Fa0	192.128.0.4	255.255.255.0	192.128.0.1	192.128.2.11
PC3	Fa0	192.128.0.5	255.255.255.0	192.128.0.1	192.128.2.11
PC4	Fa0	192.128.0.6	255.255.255.0	192.128.0.1	192.128.2.11
PC5	Fa0	192.128.0.7	255.255.255.0	192.128.0.1	192.128.2.11
PC6	Fa0	192.128.0.8	255.255.255.0	192.128.0.1	192.128.2.11
PC7	Fa0	192.128.0.9	255.255.255.0	192.128.0.1	192.128.2.11
PC8	Fa0	192.128.0.10	255.255.255.0	192.128.0.1	192.128.2.11
PC9	Fa0	192.128.0.11	255.255.255.0	192.128.0.1	192.128.2.11
PC10	Fa0	192.128.0.12	255.255.255.0	192.128.0.1	192.128.2.11
PC11	Fa0	192.128.0.13	255.255.255.0	192.128.0.1	192.128.2.11
PC12	Fa0	192.128.0.14	255.255.255.0	192.128.0.1	192.128.2.11
PC13	Fa0	192.128.0.15	255.255.255.0	192.128.0.1	192.128.2.11
PC14	Fa0	192.128.0.16	255.255.255.0	192.128.0.1	192.128.2.11
Email D	Fa0	192.128.0.20	255.255.255.0	192.128.0.1	192.128.2.11
PC15	Fa0	192.128.2.2	255.255.255.192	192.128.2.1	192.128.2.11
PC16	Fa0	192.128.2.3	255.255.255.192	192.128.2.1	192.128.2.11
PC17	Fa0	192.128.2.4	255.255.255.192	192.128.2.1	192.128.2.11
PC18	Fa0	192.128.2.5	255.255.255.192	192.128.2.1	192.128.2.11
PC19	Fa0	192.128.2.6	255.255.255.192	192.128.2.1	192.128.2.11
DHCP C	Fa0	192.128.2.10	255.255.255.192	192.128.2.1	192.128.2.11
DNS C	Fa0	192.128.2.11	255.255.255.192	192.128.2.1	192.128.2.11
Web C	Fa0	192.128.2.12	255.255.255.192	192.128.2.1	192.128.2.11
PC20	Fa0	192.128.2.194	255.255.255.240	192.128.2.193	192.128.2.11
PC21	Fa0	192.128.2.195	255.255.255.240	192.128.2.193	192.128.2.11
DHCP L	Fa0	192.128.2.200	255.255.255.240	192.128.2.193	192.128.2.11
PC22	Fa0	192.128.2.162	255.255.255.224	192.128.2.161	192.128.2.11
PC23	Fa0	192.128.2.163	255.255.255.224	192.128.2.161	192.128.2.11
DHCP P	Fa0	192.128.2.170	255.255.255.224	192.128.2.161	192.128.2.11
PC24	Fa0	192.128.2.130	255.255.255.224	192.128.2.129	192.128.2.11

PC25	Fa0	192.128.2.131	255.255.255.224	192.128.2.129	192.128.2.11
PC26	Fa0	192.128.2.132	255.255.255.224	192.128.2.129	192.128.2.11
PC27	Fa0	192.128.2.66	255.255.255.192	192.128.2.65	192.128.2.11
PC28	Fa0	192.128.2.67	255.255.255.192	192.128.2.65	192.128.2.11
PC29	Fa0	192.128.2.68	255.255.255.192	192.128.2.65	192.128.2.11
PC30	Fa0	192.128.2.69	255.255.255.192	192.128.2.65	192.128.2.11
DHCP T	Fa0	192.128.2.70	255.255.255.192	192.128.2.65	192.128.2.11
Web T	Fa0	192.128.2.72	255.255.255.192	192.128.2.65	192.128.2.11
PC31	Fa0	192.128.1.2	255.255.255.0	192.128.1.1	192.128.2.11
PC32	Fa0	192.128.1.3	255.255.255.0	192.128.1.1	192.128.2.11
PC33	Fa0	192.128.1.4	255.255.255.0	192.128.1.1	192.128.2.11
PC34	Fa0	192.128.1.5	255.255.255.0	192.128.1.1	192.128.2.11
PC35	Fa0	192.128.1.6	255.255.255.0	192.128.1.1	192.128.2.11
PC36	Fa0	192.128.1.7	255.255.255.0	192.128.1.1	192.128.2.11
PC37	Fa0	192.128.1.8	255.255.255.0	192.128.1.1	192.128.2.11
PC38	Fa0	192.128.1.9	255.255.255.0	192.128.1.1	192.128.2.11
PC39	Fa0	192.128.1.10	255.255.255.0	192.128.1.1	192.128.2.11
PC40	Fa0	192.128.1.11	255.255.255.0	192.128.1.1	192.128.2.11
PC41	Fa0	192.128.1.12	255.255.255.0	192.128.1.1	192.128.2.11
PC42	Fa0	192.128.1.13	255.255.255.0	192.128.1.1	192.128.2.11
PC43	Fa0	192.128.1.14	255.255.255.0	192.128.1.1	192.128.2.11
DHCP M	Fa0	192.128.1.20	255.255.255.0	192.128.1.1	192.128.2.11

All Commands

Router01

en

conf t

int g0/0

ip address 192.128.0.1 255.255.255.0

no shut

exit

int s0/0/0

ip address 192.128.2.209 255.255.255.252

no shut

exit

int s0/0/1

ip address 192.128.2.213 255.255.255.252

no shut

exit

int s0/1/0

ip address 192.128.2.217 255.255.255.252

no shut

exit

ip route 192.128.1.0 255.255.255.0 192.128.2.218

ip route 192.128.2.64 255.255.255.192 192.128.2.218

ip route 192.128.2.160 255.255.255.224 192.128.2.214

ip route 192.128.2.128 255.255.255.224 192.128.2.214

ip route 192.128.2.0 255.255.255.192 192.128.2.210

ip route 192.128.2.192 255.255.255.240 192.128.2.210

Router02

```
en
conf t
int g0/0
ip address 192.128.2.1 255.255.255.192
no shut
exit
int g0/1
ip address 192.128.2.193 255.255.255.240
no shut
exit
int s0/0/0
ip address 192.128.2.210 255.255.255.252
no shut
exit
ip route 192.128.0.0 255.255.252.0 192.128.2.209
```

Router03

```
en
conf t
int g0/0
ip address 192.128.2.161 255.255.255.224
no shut
exit
int g0/1
ip address 192.128.2.129 255.255.255.224
no shut
exit
int s0/0/1
ip address 192.128.2.214 255.255.255.252
```

```
no shut
exit
ip route 192.128.0.0 255.255.252.0 192.128.2.213
```

Router04

```
en
conf t
int g0/1
ip address 192.128.1.1 255.255.255.0
no shut
exit
int g0/0
ip address 192.128.2.65 255.255.255.192
no shut
exit
int s0/1/0
ip address 192.128.2.218 255.255.255.252
no shut
exit
ip route 192.128.0.0 255.255.252.0 192.128.2.217
```