Small Software C

Project 2

A-Development/Engineeri

IP Addr	192	168	10
Subnet	255	255	255
Network	192	168	10
First Host	192	168	10
Last Host	192	168	10
Broadcast	192	168	10

C-Sales and marketing (Business d

IP Addr	192	168	0
Subnet	255	255	255
Network	192	168	40
First Host	192	168	40
Last Host	192	168	40
Broadcast	192	168	40

E-Accounts and Finance

IP Addr	192	168	70
Subnet	255	255	255
Network	192	168	70
First Host	192	168	70
Last Host	192	168	70
Broadcast	192	168	70

G-Infrastructure & Security (Network, Syst

IP Addr	192	168	0
Subnet	255	255	255
Network	192	168	0
First Host	192	168	0

Last Host	192	168	0
Broadcast	192	168	0

I-Marketing VLAN			
IP Addr	192	168	90
Subnet	255	255	255
Network	192	168	90
First Host	192	168	90
Last Host	192	168	90
Broadcast	192	168	90

Company Automated n

ng VLAN 10 (9 Hosts)

	0
	240
	0
	1
	14
	15

evelopment) VLAN 40 (6 Hosts)

	0
	248
	0
	1
	6
	7

e VLAN 70 (5 Hosts)

	0
	248
	0
	1
	6
	7

ems & Services) VLAN 100 (12 Hosts)

	0
	240
	0
	1

E

IP Addr	192
Subnet	255
Network	192
First Host	192
Last Host	192
Broadcast	192

D-

IP Addr	192
Subnet	255
Network	192
First Host	192
Last Host	192
Broadcast	192

F-Human F

IP Addr	192
Subnet	255
Network	192
First Host	192
Last Host	192
Broadcast	192

H-Ad

IP Addr	192
Subnet	255
Network	192
First Host	192
Last Host	192
Broadcast	192

IP Addr	192

	14
	15

Subnet	255
Network	192
First Host	192
Last Host	192
Broadcast	192

N 90 (4 Hosts)

0
248
0
1
6
7

				Department
B-IT Network VLAN 30 (9 Hosts)				
168	30		0	Router
255	255		240	Switch
168	30		0	PC
168	30		1	Printer
168	30		14	Server
168	30		15	Total
Guest Network VLAN 20 (7 Hosts)				
168	20		0	
255	255		240	
168	20		0	
168	20		1	
168	20		14	
168	20		15	
Resource Management VLAN 60 (5 Hosts)				
168	60		0	
255	255		248	
168	60		0	
168	60		1	
168	60		6	
168	60		7	
Admin department VLAN 50 (4 Hosts)				
168	50		0	
255	255		248	
168	50		0	
168	50		1	
168	50		6	
168	50		7	
J-Design VLAN 80 (4 Hosts)				
168	80		0	

255	255	248
168	80	0
168	80	1
168	80	6
168	80	7

ts

A-Development/Engineering (9 Hosts)

Nº	Brand	Type
1	Cisco	Cisco C7200
1	Cisco	Cisco Catalyst 3560
6	GNS3	VPCS
0	nd	....
1	Cisco	.....
9	nd	nd

B-IT Network (9 Hos

	Nº
Router	1
Switch	1
PC	6
Printer	0
Server	1
Total	9

Switch	Pc	Router
Cisco IOSvL2	VPCS for GNS3	**Cisco C7200**
Cisco Catalyst 3560	Cisco IOU-Linux	**Cisco IOSv**
Cisco Nexus 9000v	Windows QEMU	**Cisco IOS-XRv**

E-Accounts and Fina

	Nº
Router	1
Switch	1
PC	2
Printer	0
Server	1
Total	5

H-Admin departmen

	Nº
Router	1
Switch	1
PC	2
Printer	0
Server	0
Total	4

Departments	Hosts Max	Real Hosts
A	14	9
B	14	9
C	14	6
D	14	7

E		14	5
F		14	5
G		14	12
H		14	4
I		14	4
J		14	4
Total 10 departamentos		14	65

...ts)

Brand	Type
Cisco	Cisco C7200
Cisco	Cisco Catalyst 3560
GNS3	VPCS
nd	nd
Cisco	..
nd	nd

C-Sales and marketing (Business development) (6 host)

	Nº	Brand	Type
Router	1	Cisco	Cisco C7200
Switch	1	Cisco	Cisco Catalyst 3560
PC	3	GNS3	VPCS
Printer	1	HP	Printer
Server	0	nd	nd
Total	6	nd	nd

...ance (5 host)

Brand	Type
Cisco	Cisco C7200
Cisco	Cisco Catalyst 3560
GNS3	VPCS
nd	nd
Cisco	Cisco
nd	nd

F-Human Resource Management (5 host)

	Nº	Brand	Type
Router	1	Cisco	Cisco C7200
Switch	1	Cisco	Cisco Catalyst 3560
PC	2	GNS3	VPCS
Printer	1	HP	Printer
Server	0	nd	nd
Total	5	nd	nd

...t (4 hosts)

Brand	Type
Cisco	Cisco C7200
Cisco	Cisco Catalyst 3560
GNS3	VPCS
nd	nd
nd	nd
nd	nd

I-Marketing (4 hosts)

	Nº	Brand	Type
Router	1	Cisco	Cisco C7200
Switch	1	Cisco	Cisco Catalyst 3560
PC	2	GNS3	VPCS
Printer	0	nd	nd
Server	0	nd	nd
Total	4	nd	nd

D-Guest Network (7 host)

	Nº	Brand	Type
Router	1	Cisco	Cisco C7200
Switch	1	Cisco	Cisco Catalyst 3560
PC	5	GNS3	VPCS
Printer	0	nd	nd
Server	0	nd	nd
Total	7	nd	nd

G-Infrastructure & Security (Network, Systems & Services) (12 hosts)

	Nº	Brand	Type
Router	1	Cisco	Cisco C7200
Switch	1	Cisco	Cisco Catalyst 3560
PC	4	GNS3	VPCS
Printer	0	nd	nd
Server	6	nd	nd
Total	12	nd	nd

J-Design (4 host)

	Nº	Brand	Type
Router	1	Cisco	Cisco C7200
Switch	1	Cisco	Cisco Catalyst 3560
PC	2	GNS3	VPCS
Printer	0	nd	nd
Server	0	nd	nd
Total	4	nd	nd