



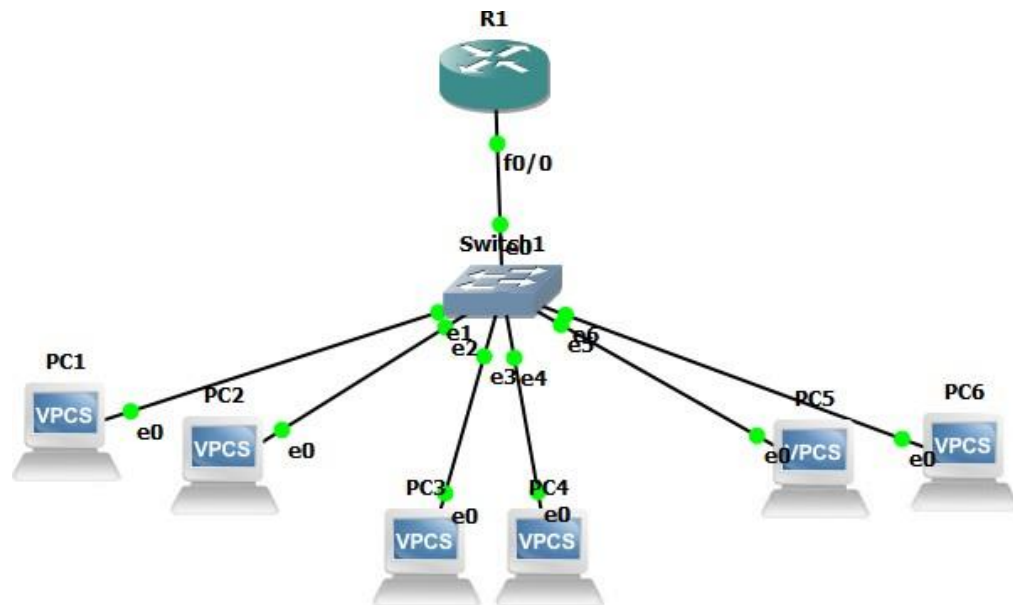
# **UNIVERSIDAD AUTONOMA DE CHIAPAS**

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**CONMUTADORES Y REDES INALAMBBRICAS**

**7 M**



Entramos al router y creamos un dhcp pool, asignamos el router como el default router del pool dhcp

```
R1#
R1#ena
R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#hostname router
router(config)#ip dhcp pool p1
router(dhcp-config)#default-router 192.168.10.1
router(dhcp-config)#network 192.168.10.0 255.255.255.0
router(dhcp-config)#exit
```

Asignamos el Gateway a la interfaz f0/0

```
router(config)#interface fa0
router(config-if)#ip address 192.168.10.1 255.255.255.0
```

El dns server

```
router(dhcp-config)#dns-server 8.8.8.8
```

Activamos el servicio dhcp en el router

```
router(config)#service dhcp
```

Sh ip int brief nos da un reporte de los puertos

```
router#sh ip int brief
Interface                IP-Address      OK? Method Status  Prot
FastEthernet0            192.168.10.1    YES manual up      up

router#wr
Building configuration...
[OK]
```

Entramos a una computadora y escribimos ip dhcp

```
sh ip
```

```
NAME      : PC1[1]
IP/MASK    : 0.0.0.0/0
GATEWAY    : 0.0.0.0
DNS        :
MAC        : 00:50:79:66:68:00
LPORT     : 10016
RHOST:PORT : 127.0.0.1:10017
MTU        : 1500
```

```
PC1> ip dhcp
DDORA IP 192.168.10.2/24 GW 192.168.10.1
```

```
PC1> █
```

```
PC3> sh ip
```

```
NAME      : PC3[1]
IP/MASK    : 0.0.0.0/0
GATEWAY    : 0.0.0.0
DNS        :
MAC        : 00:50:79:66:68:02
LPORT     : 10020
RHOST:PORT : 127.0.0.1:10021
MTU        : 1500
```

```
PC3> ip dhcp
DDORA IP 192.168.10.3/24 GW 192.168.10.1
```

```
PC2> sh ip
```

```
NAME      : PC2[1]
IP/MASK    : 0.0.0.0/0
GATEWAY    : 0.0.0.0
DNS        :
MAC        : 00:50:79:66:68:01
LPORT     : 10018
RHOST:PORT : 127.0.0.1:10019
MTU        : 1500
```

```
PC2> ip dhcp
DDORA IP 192.168.10.4/24 GW 192.168.10.1
```

```
PC4> sh ip
```

```
NAME      : PC4[1]
IP/MASK    : 0.0.0.0/0
GATEWAY    : 0.0.0.0
DNS        :
MAC        : 00:50:79:66:68:03
LPORT     : 10022
RHOST:PORT : 127.0.0.1:10023
MTU        : 1500
```

```
PC4> ip dhcp
DDORA IP 192.168.10.5/24 GW 192.168.10.1
```

```
PC5> sh ip
```

```
NAME      : PC5[1]
IP/MASK    : 0.0.0.0/0
GATEWAY    : 0.0.0.0
DNS        :
MAC        : 00:50:79:66:68:04
LPORT     : 10024
RHOST:PORT : 127.0.0.1:10025
MTU        : 1500
```

```
PC5> ip dhcp
DDORA IP 192.168.10.6/24 GW 192.168.10.1
```

```
PC6> sh ip
```

```
NAME      : PC6[1]
IP/MASK    : 0.0.0.0/0
GATEWAY    : 0.0.0.0
DNS        :
MAC        : 00:50:79:66:68:05
LPORT     : 10026
RHOST:PORT : 127.0.0.1:10027
MTU        : 1500
```

```
PC6> ip dhcp
DDORA IP 192.168.10.7/24 GW 192.168.10.1
```