

Cisco IOS and DHCP

```
Warning!!! You have accessed a private network.
UNAUTHORIZED ACCESS IS PROHIBITED BY LAW
Violators will be prosecuted to the fullest extent of the law.
Your access to this network is monitored and recorded for quality
assurance, security, performance and maintenance purposes.
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User Access Verification
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Username: *****
Password: *****
```

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SOHO91#en
SOHO91#config t
Enter configuration commands, one per line.  End with CNTL/Z.
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```
(config)#service dhcp
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```
(config)#ip dhcp pool data_scope
(config-dhcp)#network 10.30.50.0 255.255.255.0
(config-dhcp)#domain-name voipnut.com
(config-dhcp)#dns-server 10.30.50.10 10.30.50.11
(config-dhcp)#default-router 10.30.50.1
(config-dhcp)#lease 120
(config-dhcp)#option 176 ascii MCIPADD=10.30.70.19,10.30.70.16,HTTPSRVR=10.30.50.13,TFTPSRVR=10.30.50.13,IRSTAT=0,VLANTEST=0,L2QVLAN=70,FTPSRVR=10.30.50.13
(config-dhcp)#ip dhcp excluded-address 10.30.50.1
(config-dhcp)#exit
(config)#
```

```
(config)#ip dhcp pool voice_scope
(config-dhcp)#network 10.30.70.0 255.255.255.0
(config-dhcp)#domain-name voipnut.com
(config-dhcp)#dns-server 10.30.50.10 10.30.50.11
(config-dhcp)#default-router 10.30.70.1
(config-dhcp)#lease 120
(config-dhcp)#option 176 ascii MCIPADD=10.30.70.19,10.30.70.16,HTTPSRVR=10.30.50.13,TFTPSRVR=10.30.50.13,IRSTAT=0,VLANTEST=0,L2QVLAN=70,FTPSRVR=10.30.50.13
(config-dhcp)#ip dhcp excluded-address 10.30.70.1
(config-dhcp)#exit
(config)#
```