

MES23xx/33xx/35xx/5324

MES23xx, MES33xx, MES35xx, MES5324

DHCP- BOOTP:

- Bootfile name
- Next-server name
- 43 - Vendor Specific
- 66 - TFTP Server Name
- 67 - Bootfile Name
- 125 - V-I Vendor-Specific Information
- 150 - TFTP Server IP

1. DHCP Discover .
2. DHCP ACK (, , IP TFTP).
3. , .
4. , .



- , Config.
- ,
- , startup-config

ISC DHCP Server



autoboot.

43 66

TFTP- DHCP- 66, 43

```
# 66 TFTP-
option tftp-server-host code 66 = string;
# 43
option space vendor-ztp-43;
option vendor-ztp-43.image-name code 1 = string; #
option vendor-ztp-43.config-file code 3 = string; #
shared-network iface1 {
    subnet 10.0.0.0 netmask 255.255.255.0 {
        option subnet-mask 255.255.255.0;
        option routers 10.0.0.1;
        option broadcast-address 10.1.255.255;
        option tftp-server-ip 10.0.0.1;
    }
    host DUT {
        hardware ethernet 00:11:22:33:44:55;
        fixed-address 10.0.0.2;
        vendor-option-space vendor-ztp-43;
        option vendor-ztp-43.image-name "mes3300-4021-R2.ros";
        option vendor-ztp-43.config-file "start_config.conf";
    }
}
```

125 150

TFTP- DHCP- 150, 125

```

# 150 TFTP-
option tftp-server-ip code 150 = ip-address;
# 125
option space vendor-ztp-125 code width 1 length width 1;
option vendor-ztp-125.image-name code 1 = string;      #
option vendor-ztp-125.config-name code 3 = string;      #
option space vivso code width 4 length width 1;
option vivso.vendor-ztp-125 code 35265 = encapsulate vendor-ztp-125;
option vivso.iana code 0 = string;
option op125 code 125 = encapsulate vivso;

shared-network SomeNetwork {
    subnet 10.0.0.0 netmask 255.255.255.0 {
        option subnet-mask 255.255.255.0;
        option routers 10.0.0.1;
        option broadcast-address 10.1.255.255;
        option tftp-server-ip 10.0.0.1;
    }
    host DUT {
        hardware ethernet 00:11:22:33:44:55;
        fixed-address 10.0.0.2;
        option vivso.iana "";
        option vendor-ztp-125.image-name "mes3300-4021-R2.ros";
        option vendor-ztp-125.config-name "start_config.conf";
    }
}

```

66-67

TFTP- DHCP- 66 67

```

# 66 TFTP-
option tftp-server-host code 66 = string;
# 67
option bootfile-name code 67 = string;

shared-network SomeNetwork {
    subnet 10.0.0.0 netmask 255.255.255.0 {
        option subnet-mask 255.255.255.0;
        option routers 10.0.0.1;
        option broadcast-address 10.1.255.255;
        option tftp-server-ip 10.0.0.1;
    }
    host DUT {
        hardware ethernet 00:11:22:33:44:55;
        fixed-address 10.0.0.2;
        option bootfile-name "start_config.conf";    #
    }
}

```

BOOTP

TFTP- bootfile next-server BOOTP

```
shared-network SomeNetwork {
  subnet 10.0.0.0 netmask 255.255.255.0 {
    option subnet-mask 255.255.255.0;
    option routers 10.0.0.1;
    option broadcast-address 10.1.255.255;
    option next-server "10.0.0.1";
  }
  host DUT {
    hardware ethernet 00:11:22:33:44:55;
    fixed-address 10.0.0.2;
    option filename "start_config.conf";    #
  }
}
```