

## How to Configure Additional DHCP Options

<https://campus.barracuda.com/doc/96026061/>

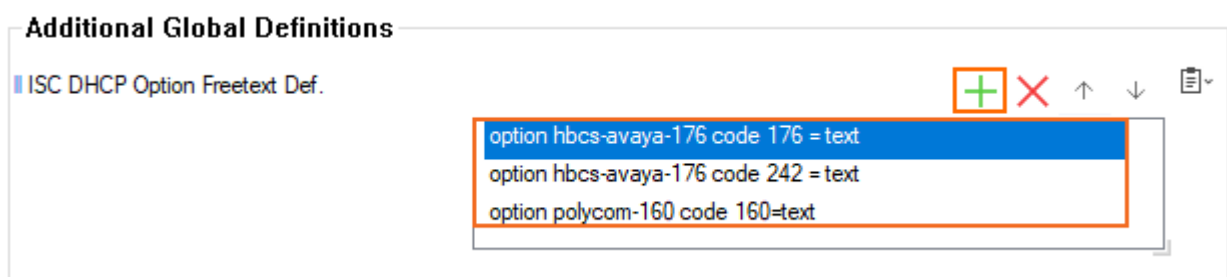
Some clients may need specific DHCP options to be set in the DHCP server configuration. To set options that are not directly configurable, you must use **Advanced Pool Configuration** and enter the necessary options as freetext-based configuration. The global variables applied in DHCP options can be set to individual values for each DHCP option template if this is required for a specific address pool. In this example, a server requires the DHCP options 176 and 242 to be set to custom strings.

### Before You Begin

- Enable **Use Advanced Pool Configuration** in the advanced DHCP Settings. For more information, see [How to Configure Advanced DHCP Settings](#).
- Configure an **Address Pool** and **DHCP Option Template**. For more information, see [How to Configure DHCP Subnets and Address Pools](#) and [How to Configure DHCP Option Templates](#).

### Step 1. Define Variables for Additional Global DHCP Options

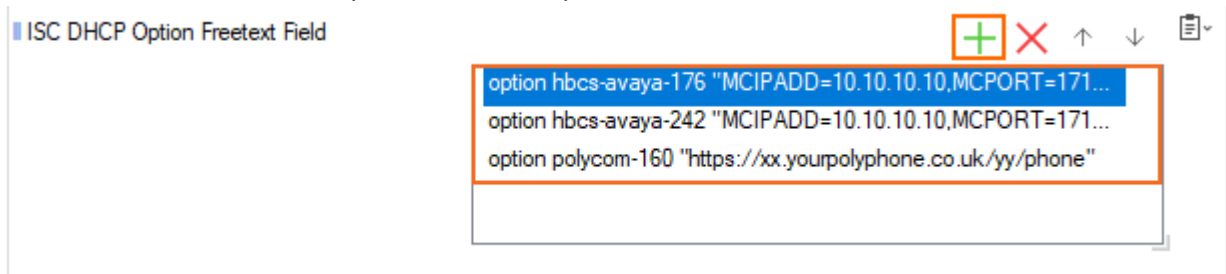
1. Go to **CONFIGURATION > Configuration Tree > Box > Assigned Services > DHCP > DHCP Enterprise Configuration**.
2. Click **Lock**.
3. In the left menu, expand **Configuration Mode** and click **Switch to Advanced View**.
4. In the left menu, click **Operational Setup**.
5. For each DHCP option you want to add, click + in the **Additional Global Definitions** table and define a variable for the DHCP option in the following format:  
option VARIABLE\_NAME code OPTION\_NUMBER=VARIABLE\_TYPE  
E.g., option hbcx-avaya-176 code 176 = text



6. Click **Send Changes** and **Activate**.

### Step 2. Configure Values for Specific DHCP Option Templates

1. Go to **CONFIGURATION > Configuration Tree > Box > Assigned Services > DHCP > DHCP Enterprise Configuration**.
2. Click **Lock**.
3. In the left menu, expand **Configuration Mode** and click **Switch to Advanced View**.
4. In the left menu, click **DHCP Option Templates**.
5. Double-click on the **DHCP Options** template used for the address pool. The **DHCP Options** window opens.
6. For a **DHCP Option**, click **+** in the **ISC DHCP Option Freetext Field** and set the value for the entry in the following format (including the quotation marks):  
option VARIABLE\_NAME-OPTION\_NUMBER "ENTER\_YOUR\_STRING\_HERE"  
E.g., option hbcsvaya-242  
"MCIPADD=10.10.10.10,MCPORT=1719,TFTPSRVR=10.10.10.10"



7. Click **Send Changes** and **Activate**.

## Figures

1. dhcp\_freetext\_def.png
2. dhcp\_option\_freetext\_def.png

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