

Linux virtual machine cannot receive ip address with AirPort adapter type

- Parallels Desktop
- Parallels Desktop for Mac Standard Edition

Symptoms

Linux virtual machine cannot connect to the Internet via Bridged network mode with AirPort adapter type. Virtual Machine cannot receive IP address with AirPort adapter type.

Cause

When setting up network in Linux, you may need to configure the DHCP client to send the virtual machine's ID in DHCP requests.

Resolution

For information on how to configure your DHCP client, refer to the DHCP client documentation.

For example, in Red Hat Linux guest OSs, you need to edit the DHCP client configuration file.

1. Open the `dhclient.conf` file and make sure that the following lines are present.

```
interface "eth0" {  
  
    send dhcp-client-identifier 1:<MAC address>;  
  
}
```

2. If there are no such lines, add them manually to the file and save it.

When the `dhclient.conf` file contains these lines, DHCP client sends the virtual machine's ID to the DHCP server. The DHCP server sends an IP address in response.

Tip

To locate the `dhclient.conf` file, in a terminal, enter:

```
strings /sbin/dhclient | grep etc | grep dhclient.conf
```

or:

```
rpm -ql dhclient
```

© 2025 Parallels International GmbH. All rights reserved. Parallels, the Parallels logo and Parallels Desktop are registered trademarks of Parallels International GmbH. All other product and company names and logos are the trademarks or registered trademarks of their respective owners.