



Connect to a Network

Revised May 4, 2015

Use a connection method—wired or wireless—that your DMP and topology both support.



Tip

Physical Ethernet connections take priority over 802.11 b/g on DMPs where both are active. To learn which connection methods your DMP supports, see [Table 2-1 on page 2-3](#). Alternatively, if the table does not describe your DMP model, see its datasheet at <http://cisco.com/go/dms/dmp/datasheets>.

- [Concepts, page 5-1](#)
- [Procedures, page 5-2](#)

Concepts

- [Understand Whether the IP Address Will Be Static or Dynamic, page 5-1](#)
- [Understand WEP Keys and Passphrases, page 10-8](#)

Understand Whether the IP Address Will Be Static or Dynamic

The factory-default behavior for every DMP is to obtain and use a dynamic IP address from a DHCP server in its local network segment.

Nonetheless, your DMP must have an IP address—even when you will deploy it where the local network segment does not include any DHCP server among its nodes!

In this case, you must configure your DMP before you deploy it. This technique is sometimes called a *green field deployment*. The configuration steps differ in Ethernet and wireless networks.

Related Topics

- [Prepare Your DMP to Use a Static IP Address Over Ethernet, page 10-19](#)
- [Assign a Static IP Address to a Wireless DMP 4400G, page 10-21](#)

Procedures

- [Connect Over Ethernet](#), page 5-2
- [Connect Over Wireless \(802.11 b/g\)](#), page 5-2

Connect Over Ethernet

Before You Begin

- Does a security policy in your network restrict DHCP address assignments to known MAC addresses? If so, locate the **MAC** address printed on a sticker that is affixed to your DMP. Then, share this address with your security policy administrator.
- Does your DMP support wireless networking? If so, consider whether you might prefer to use that method instead of this one.

Procedure

- Step 1** Plug one end of a standard Ethernet cable into the corresponding socket on your DMP.
- Step 2** Plug the other end of this cable into a network hub, network switch, or router whose network uses DHCP to allocate IP addresses dynamically.
- Step 3** Stop. You have completed this procedure.
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Related Topics

- [DMP Physical Specifications and Interfaces \(I/O Ports\)](#), page 2-3
- [Connect Over Wireless \(802.11 b/g\)](#), page 2

Connect Over Wireless (802.11 b/g)



Note

You can configure wireless network settings during a later phase of DMP setup, if your DMP supports this feature. However, there are other tasks that you must finish first. When you are ready to configure wireless settings, these topics say how.

- [Connect Over Wireless \(802.11 b/g\)](#), page 5-2
 - [Assign a Static IP Address to a Wireless DMP 4400G](#), page 10-21
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