

Asset Management

Scenario:

One of the most valuable assets in the world today is information. Most information is accessed over a network. There tend to be a variety of devices connected to a network and each is a potential entry point to other assets.

An inventory of network devices can be a useful asset management tool. An inventory can highlight sensitive assets that require extra protection.

You're operating a small business from your home and must create an inventory of your network devices. This will help you determine which ones contain sensitive information that require extra protection.

To do this, you will start by identifying three devices that have access to your home network. This might include devices such as:

- Desktop or laptop computers
- Smartphones
- Smart home devices
- Game consoles
- Storage devices or servers
- Video streaming devices

Then, you'll list important characteristics of each device such as its owner, location, and type. Finally, you will assign each device a level of sensitivity based on how important it is to protect.

Be sure to include the following elements in your completed activity:

- List of 3 devices on the home network
- List network access, owner, and location for each device
- 1–2 notes on network access
- A sensitivity classification

Asset Management:

Asset	Network access	Owner	Location	Notes	Sensitivity
Network router	Continuous	Internet service provider (ISP)	On-premises	Has a 2.4 GHz and 5 GHz connection. All devices on the home network connect to the 5 GHz frequency.	Confidential
Desktop	Occasional	Homeowner	On-premises	Contains private information, like photos.	Restricted
Guest smartphone	Occasional	Friend	On and Off-premises	Connects to my home network.	Internal-only
Smart home devices	Continuous	Homeowner	On-premises	Connects to my home network.	Confidential

<i>External hard drive</i>	<i>Occasional</i>	<i>Homeowner</i>	<i>On-premises</i>	<i>Contains music and movies.</i>	<i>Confidential</i>
<i>Streaming media player</i>	<i>Continuous</i>	<i>Homeowner</i>	<i>On-premises</i>	<i>Payment card information is stored for movie rentals.</i>	<i>Internal-only</i>
<i>Portable game console</i>	<i>Occasional</i>	<i>Friend</i>	<i>On and off-premises</i>	<i>Has a camera and microphone.</i>	<i>Internal-only</i>