

Activity Overview

In this activity, you will classify assets connected to a home office network.

Asset management is a critical part of every organization's security plan. Remember that **asset management** is the process of tracking assets and the risks that affect them. Effective asset management starts with creating an **asset inventory**, or a catalog of assets that need to be protected. Then, it involves classifying assets based on their level of importance and sensitivity to risk.

Be sure to complete this activity before moving on. The next course item will provide you with a completed exemplar to compare to your own work.

Scenario

Review the following scenario. Then, complete the step-by-step instructions.

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.

Categories	Access designation
Restricted	Need-to-know
Confidential	Limited to specific users
Internal-only	Users on-premises
Public	Anyone

	Asset	Network access	Owner	Location	Notes	Sensitivity
1	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
2	Desktop	Occasional	Homeowner	On-premises	Contains private information, like photos.	Restricted
3	Guest smartphone	Occasional	Friend	On and Off-premises	Connects to my home network.	Internal-only
4	Personal Mobile Phones	Continuous	Homeowner	On and Off-premises	Contains confidential data of an organization	Restricted
5	Laptop	Continuous	Brother	On-premises	Connects to my home network.	Internal-only
6	Tv	Continuous	Homeowner	On-premises	Anyone can use it.	Public