

# Home Asset Inventory

## Project description

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 is 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. Devices connected include surveillance cameras | Confidential  |
| 2 | Desktop            | Occasional     | Homeowner                       | On-premises              | Contains private information, like photos, documents, and records.                 | Restricted    |
| 3 | Guest smartphone   | Occasional     | Family Member                   | Both on and off premises | Connects to my home network.   | Internal Only |
| 4 | Smart home devices | Occasional     | Homeowner                       | Both on and off premises | Connects to my home network.   | Internal Only |
| 5 | Storage devices    | Continuous     | Cloud provider                  | On-premises              | Contains backups of desktop, videos, and other media                               | Confidential  |
| 6 | Streaming device   | Occasional     | Homeowner                       | On-premises              | Contains apps with account information, personal information, and photos           | Restricted    |