

Home Network's Assets

Problem Statement

You have been tasked with creating a comprehensive inventory of a home network's assets. Your goal is to document each asset, its owner, location, and network access. You must then categorize each asset by its sensitivity and assign an appropriate access designation to help identify and prioritize potential security vulnerabilities.

	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	External hard drive	Occasional	Homeowner	On-premises	Contains music and movies.	Confidential		
5	Streaming media player	Continuous	Homeowner	On-premises	Payment card information is stored for movie rentals.	Internal-only		
6	Portable game console	Occasional	Friend	On and off-premises	Has a camera and microphone.	Internal-only		
							Categories	Access designation
							Restricted	Need-to-know
							Confidential	Limited to specific users
							Internal-only	Users on-premises
							Public	Anyone