Scenario

I was asked to create an inventory of the network devices used in my home-based business. This inventory will help me identify which devices have access to sensitive information, allowing me to determine which ones require extra protection. I will start by identifying three key devices connected to my home network and assess their security needs to ensure my business data remains safe.

	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	Game Console	Occasional	Homeowner	On-premises	Connected to Wi-Fi, stores passwords and payment	Restricted
5	Printer	Occasional	Homeowner	On-premises	Connected to Wi-Fi, stores print history	Internal-only
6	Webcam	Occasional	Homeowner	On-premises	Connects to Wifi, Streams Video	Restricted

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