Networking Academy
CISCO

Lab – Mobile Device Information

Introduction

In this activity, you will use the Internet, a technical journal, or a local store to gather information about an Android and an iOS device. You will document the specifications of each Android and iOS device onto this worksheet. Be prepared to discuss your decisions regarding the devices you select.

Recommended Equipment
· PC with Internet Connection

Instructions

Step 1: Select an Android and iOS device to research. Record the hardware specifications in the boxes below.

Specifications	Android Device	iOS Device
Model	● Samsung Galaxy S25 Ultra	● iPhone 17 Pro Max
Manufacturer	● Samsung Electronics	● Apple Inc.
Operating System	● Android 15	● iOS 26
Available Memory	● Storage : 256 GB, 512 GB, 1 TB ● RAM : 12 GB or 16 GB	● Storage : 256 GB, 512 GB, 1 TB. 2TB

		● RAM : 12GB
Camera	● Main Camera : 200 MP ● Ultra-Wide Camera : 12 MP ● Telephoto Camera : 50 MP ● Periscope Telephoto : 50 MP ● Front Camera : 12 MP	● Front Camera : 18 MP. ● Periscope Telephoto : 48 MP. ● Main Camera : 48 MP. ● Ultra-Wide Camera : 48 MP.
Wi-Fi Connectivity	● 2.4 GHz. ● 5 GHz ● Wi-Fi 7 (tri-band)	● 2.4 GHz. ● 5 GHz ● Wi-Fi 7 (tri-band, up to 160 MHZ Channels)
Battery Information	● 5,500 mAh (eSIM version) ● 45W Wired Fast Charging ● Wireless Charging ● Reverse Wireless Charging	● 5,088 mAh (eSIM version) ● 4,823 mAh (dual SIM version) ● USB C Fast Charging ● MagSafe Wireless Charging (up to 15W) ● Qi2 Wireless Charging (up to 15W)
Screen Size and Resolution	● Size : 6.9 inch AMOLED 2X ● Resolution : 3120 x 1440 pixels ● Refresh Rate : 1-120 Hz ● Brightness : up to 2,600 nits peak	● Size : 6.9 inch Super Retina XDR OLED ● Resolution : 2,868 x 1,320 ● Refresh Rate : ProMotion 120 Hz ● Brightness : up to 3,000 nits peak
Size and Weight	● Height : 162.3 mm ● Width : 79 mm ● Thickness : 8.9 mm ● Weight : 232 g	● Height : 163.4 mm ● Width : 78.0 mm ● Thickness : 8.75 mm ● Weight : 233 g

Step 2: Based on your research, which mobile device would you select? Be prepared to discuss your decisions regarding the mobile device you select.

- I would choose the iOS Device iPhone 17 Pro Max. Currently I'm using iPhone12 and I have experience in using Android Device but looking back from those experiences I would still prefer an iOS device because for me it's more organized, easier to use and more optimized though there are also aspects on which Android Devices would be better than iOS like the charging speed of iOS that is still not as fast as androids but it still has downsides like it overheats under heavy load of gaming or recording. When it comes to cameras I would pick camera quality and smooth video from iOS over camera flexibility and strong zoom from Android Devices. But the main reason why I chose iOS is because it's better for the environment. It's better for long term use, because it's designed for recycling which helps in reducing the waste for the sustainability of the environment.