



Quiz Submissions - Quiz 01

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Attempt 1

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Submission View

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Question 1

4 / 4 points

A Wi-Fi Network has 2 Access Points (2.4 GHz only) which are operating as follows:

Access Point 1:

-2.4 GHz radio has 2 SSIDs as follows:

-SSID1 = Employee and has 1 wireless station association

-SSID2 = Guest and no wireless station associations

Access Point 2:

2.4 GHz radio has 2 SSIDs as follows:

-SSID1 = Employee and has 3 wireless station associations

-SSID2 = Guest and 4 wireless station associations

How many BSS are operating in this network? Enter a number only (i.e 8).

___3___ ✓(25 %)

How many BSSIDs are configured in this network? Enter a number only.

___4___ ✓(25 %)

How many ESS are operating in this network? Enter a number only.

___2___ ✓(25 %)

How many wireless stations are connected to a UNII band radio? Enter a number only.

___0___ ✓(25 %)

Question 2

4 / 4 points

Write the acronym that corresponds to these definitions. (only write the acronym i.e. BSSID)

One or more Basic Service Sets interconnected by the Distribution System.

___ESS___ ✓(25 %)

An Access Point (AP) and a set of one or more stations that have successfully associated to the AP.

___BSS___ ✓(25 %)

The area containing the members of a basic service set. It is sometimes called a cell.

___BSA___ ✓(25 %)

The MAC address of the AP radio.

___BSSID___ ✓(25 %)

Question 3

3 / 3 points

Answer the following questions regarding the ISM band?

What is the maximum number of non overlapping channels? Enter a number only (i.e. 9)

___3___ ✓(33 %)

Enter the channels from the previous question as a comma separated list from lowest to highest (i.e. 1,2,3 with no spaces).

___1,6,11___ ✓(34 %)

At what frequency does this band operate in GHz. Only enter the number but not the units.

___2.4___ ✓(33 %)

Question 4

1 / 1 point

According to the 802.11 standard, how are a wireless station and an Access Point the same.

- they both have a direct connection to the distribution system
- there are no points of similarity
- they both have an 802.11 compliant protocol stack
- both devices are used to form an IBSS

Attempt Score:12 / 12

Overall Grade (highest attempt):12 / 12

Done

