

Wireless Technician TEL/Q4105 (Level-4)

Q1. What is the primary purpose of checking antenna alignment during wireless equipment?

Installation?

- A. Increase cable length
 - B. Change device appearance
 - C. Improve signal strength and coverage
 - D. Reduce equipment weight
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Q2. Which tool is commonly used to measure signal levels while installing wireless communication equipment?

- A. Spectrum analyzer
 - B. Vacuum cleaner
 - C. Torque wrench
 - D. Paintbrush
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Q3. Why is proper grounding essential when wiring wireless communication devices?

- A. To increase device temperature
 - B. To shorten cable lifespan
 - C. To decorate the installation area
 - D. To prevent electrical hazards and equipment damage
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Q4. What should a technician verify before connecting power to a wireless unit?

- A. Correct wiring sequence and voltage rating
 - B. Packaging material type
 - C. Color of the mounting wall
 - D. Device serial number font
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Q5. During installation, what helps minimize signal interference in wireless systems?

- A. Increasing cable bends
- B. Maintaining adequate separation from noise-generating devices
- C. Reducing the number of connectors

- D. Placing antennas near metal obstacles
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Q6. What is the primary purpose of configuring SSID settings on a wireless access point?

- A. To change device color
 - B. To increase antenna height
 - C. To identify the wireless network for client devices
 - D. To reduce router weight
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Q7. Which parameter must be correctly set to secure a wireless network connection?

- A. Packaging material
 - B. WPA2/WPA3 encryption
 - C. LED brightness
 - D. Wallpaper theme
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Q8. What helps ensure stable connectivity when connecting a device to a Wi-Fi network?

- A. Using mismatched frequency bands
 - B. Changing the device name color
 - C. Turning off the access point
 - D. Entering the correct network password
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Q9. Why is channel selection important during wireless network configuration?

- A. It reduces network interference
 - B. It shortens cable length
 - C. It improves device appearance
 - D. It increases router temperature
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Q10. During setup, what should a technician check to verify successful wireless connectivity?

- A. Router sticker design
- B. Fan speed settings
- C. Network signal status and IP assignment
- D. Cable color pattern

Q11. What is the first step when diagnosing weak Wi-Fi signals in a customer's premises?

- A. Remove all connected clients
- B. Reinstall the operating system
- C. Replace all network devices
- D. Check for physical obstructions and signal interference sources

Q12. Which tool helps identify channel congestion during wireless fault diagnosis?

- A. Electric drill
- B. Torque wrench
- C. Channel analyzer
- D. Barcode scanner

Q13. If a device frequently disconnects from the Wi-Fi network, what should a technician check first?

- A. Battery sticker information
- B. Color of network cables
- C. The device wallpaper
- D. Network coverage and signal strength

Q14. What is a common cause of slow wireless network speed?

- A. Resetting the device properly
- B. High interference from nearby networks
- C. Using the correct antenna type
- D. Installing fewer access points

Q15. When a router stops responding, which basic troubleshooting action often restores connectivity?

- A. Increasing antenna height unnecessarily
- B. Changing router color
- C. Restarting the router
- D. Applying new stickers