

WIFI TRAINING MODULE 1 ASSESSMENT SOLUTION

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8. What is the difference between IEEE and WFA

Aspect	IEEE (Institute of Electrical and Electronics Engineers)	Wi-Fi Alliance
Role	Develops global technical standards for various technologies	Certifies that devices meet Wi-Fi standards
Primary Focus	Creation of technical specifications for wireless and wired tech (e.g., 802.11 protocols)	Ensuring interoperability of Wi-Fi devices
Wi-fi Contribution	Defines IEEE 802.11 standards for Wi-Fi	Certifies Wi-Fi devices based on IEEE standards
Establishment	Founded in 1963	Founded in 1969
Standards Developed	Develops a wide range of technology standards (Wi-Fi, Ethernet, etc.)	Focuses on certifying Wi-Fi devices (Wi-Fi CERTIFIED)
Popular Standards	IEEE 802.11 (Wi-Fi), 802.3 (Ethernet), 802.15 (Bluetooth)	Wi-Fi CERTIFIED ac, Wi-Fi CERTIFIED ax
Testing and Certification	Does not certify products, only creates specifications	Tests and certifies products based on compliance
Membership	Open to individuals and organizations worldwide	Open to Manufacturers and companies

Summary:

- IEEE defines the standards and technical aspects of Wi-Fi, ensuring that devices can operate according to globally accepted rules.
- Wi-Fi Alliance works on ensuring that devices meet those standards and are compatible with each other, allowing users to confidently use Wi-Fi products across different brands.