

WiFi Training Program 2025

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Question-8:

What is the difference between IEEE and WFA

Difference Between IEEE and WFA (Wi-Fi Alliance)

Feature	IEEE (Institute of Electrical and Electronics Engineers)	WFA (Wi-Fi Alliance)
Purpose	Develops networking standards, including IEEE 802.11 for Wi-Fi.	Certifies Wi-Fi products for interoperability and branding.
Role in Wi-Fi	Defines technical specifications and protocols for wireless communication.	Ensures devices from different manufacturers work together under the Wi-Fi brand.
Standardization	Creates and maintains IEEE 802.11 standards (e.g., 802.11a, 802.11ac, 802.11ax).	Certifies products that comply with IEEE 802.11 standards to ensure compatibility.
Membership	Open to professionals, engineers, and researchers.	Includes tech companies (e.g., Intel, Qualcomm, Cisco, Apple, etc.).
Focus	Research and innovation in wireless communication.	Market adoption, branding, and device interoperability.