CLIENT DEVICE INTEROPERABILITY TEST RESULTS

Document Version: v1.0		
Client Device Details		
Client Device Make	**Apple**	
Client Device Type	**Mobile**	
Client Device Model	iPhone 12 Pro Max	
Client Device OS type & Version	iOS 15.3.2	
Tested Client Device NIC capability	11ac, 2 Spatial Stream	
Test Configuration		
Aruba OS Version	8.9.0.0-81161	
Access Point	AP-515	
Channels		
2.4 GHz Radio	✓	1,6,11
5 GHz Radio	✓	36-165
Basic Wi-Fi Interoperability Test and Capability Results		
Feature	**Support**	**Capability Details**
Association		
Supported Encryption Opmodes	✓	Open, Mac Auth, Open WEP, PSK(TKIP/AES), Enterprise (TKIP/AES), Mixed (PSK/AES)
Roaming		
Fast Transition (802.11r)	✓	FT with both PSK and Enterprise SSID
Opportunistic Key Caching (OKC)	X	OKC is not supported
Protocols		
BSS Transition (802.11v)	✓	BSS Transition Capable
WMM Client (802.11e)	✓	802.11e Capable
WMM-PS (U-APSD)	X	Does not support U-APSD Power Save
Radio Resource Management (802.11k)	✓	BR, LM and NR Capable
Management Frame Protection (802.11w)	✓	MFP-Capable and MFP-Required
802.11h and 802.11d	✓	Supports DFS and TPC

WPA3 Opmodes		
OWE	X	Not Capable of OWE
WPA3-SAE	✓	SAE Capable
WPA3-CCM-128	✓	CCM-128 Capable
WPA3-SuiteB	✓	Suite-B Capable
WPA3-AES-GCM-256	X	Not supported
WPA3 + 11r		
SAE+11r	✓	SAE Capable
WPA3-CCM-128 + 11r	✓	Capable of WPA3-CCM-128 + 11r
SuiteB +11r	✓	Suite-B Capable
WPA3-AES-GCM256 + 11r	X	Not Supported by client
802.11ax Client Capabilities		
802.11ax Capable	✓	11ax Capable
DL-OFDMA	✓	Capable of transmitting OFDMA frames
UL-OFDMA	✓	Capable of receiving OFDMA. frames
DL MU-MIMO	✓	Capable of transmitting HE MU-MIMO frames
UL MU-MIMO	X	Not Capable
TWT Capable	X	Not Capable
1024 QAM Capable	✓	All rates up to MCS 11 supported in both Tx and Rx
WiFi 6E		
6E Capable	X	Not Capable
Notes and Additional Comments		

NOTE: Client Device may support a superset of the above capabilities

ABBREVIATIONS: NR: Neighbor Report; BR: Beacon Report; LM: Link Measurement, TSM: Transmit Stream Measurement, MFP: Management Frame Protection, FT: Fast Transition, OKC: Opportunistic Key Caching, DFS: Dynamic Frequency Selection, TPC: Transmit Power Control, DL: Downlink, UL: Uplink, TWT: Target Wake Time, OFDMA: Orthogonal Frequency Division Multiple Access

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