



dell wyse

Manufacturer

dell

Model

wyse

Firmware

1212

MAC Address

f0:d4:e2:f2:f5:41

Device Configuration

- ✓ Protocol
- ✓ Services
- ✓ Connection
- ✓ TLS
- ✓ DNS
- ✓ NTP

Test Status

Complete

Test Result

Non-Compliant

Pilot Recommendation

Proceed

Started

2025-05-21 11:28:31

Duration

15m 45s

Results List (43/43)

Name	Description	Result	Required result
protocol.valid_bacnet	BACnet device could not be discovered	Feature Not Detected	👍 Recommended
protocol.bacnet.version	Device did not respond to BACnet discovery	Feature Not Detected	👍 Recommended
protocol.valid_modbus	Device did not respond to Modbus connection	Feature Not Detected	👍 Recommended
security.services.ftp	No FTP server found	Compliant	⚙️ Required
security.ssh.version	SSH server found running 9.7 protocol 2.0	Compliant	⚙️ Required
security.services.telnet	No telnet server found	Compliant	⚙️ Required
security.services.smtp	Found SMTP server running on port 25/tcp	Non-Compliant	⚙️ Required
security.services.http	Found HTTP server running on port 80/tcp	Non-Compliant	⚙️ Required
security.services.pop	No POP server found	Compliant	⚙️ Required
security.services.imap	Found IMAP server running on port 143/tcp, 993/tcp	Non-Compliant	⚙️ Required
security.services.snmpv3	No SNMP server found	Compliant	⚙️ Required



Results List (43/43)

Name	Description	Result	Required result
security.services.vnc	No VNC server found	Compliant	✱ Required
security.services.tftp	No TFTP server found	Compliant	✱ Required
ntp.network.ntp_server	No NTP server found	Compliant	✱ Required
protocol.services.bacnet	No BACnet server found	Informational	i Informational
connection.port_link	No port errors detected	Compliant	✱ Required
connection.port_speed	Succesfully auto-negotiated speeds above 10 Mbps	Compliant	✱ Required
connection.port_duplex	Succesfully auto-negotiated full duplex	Compliant	✱ Required
connection.switch.arp_inspection	Device uses ARP correctly	Compliant	✱ Required
connection.switch.dhcp_snoopi...	Device does not act as a DHCP server	Compliant	✱ Required
connection.dhcp_address	Device responded to leased IP address	Compliant	✱ Required
connection.mac_address	MAC address found: f0:d4:e2:f2:f5:41	Compliant	✱ Required
connection.mac_oui	OUI Manufacturer found: Dell Inc.	Compliant	✱ Required
connection.private_address	All subnets are supported	Compliant	✱ Required
connection.shared_address	All subnets are supported	Compliant	✱ Required
connection.dhcp_disconnect	Device received a DHCP lease after disconnect	Compliant	✱ Required
connection.dhcp_disconnect_ip...	Device received expected IP address after disconnect	Compliant	✱ Required
connection.single_ip	Device is using a single IP address	Compliant	✱ Required
connection.target_ping	Device responds to ping	Compliant	✱ Required
connection.ipaddr.ip_change	Device has accepted an IP address change	Compliant	✱ Required
connection.ipaddr.dhcp_failover	Secondary DHCP server lease confirmed active in dev...	Compliant	✱ Required

Results List (43/43)

Name	Description	Result	Required result
connection.ipv6_slaac	Device does not support IPv6	Non-Compliant	✱ Required
connection.ipv6_ping	No IPv6 SLAAC address found. Cannot ping	Non-Compliant	✱ Required
security.tls.v1_0_client	TLS 1.0 or higher detected	Compliant	✱ Required if Applicable
security.tls.v1_2_server	TLS 1.2 certificate invalid on ports: 80	Non-Compliant	✱ Required if Applicable
security.tls.v1_2_client	TLS 1.2 client connections valid	Compliant	✱ Required if Applicable
security.tls.v1_3_server	TLS 1.3 certificate invalid on ports: 80	Informational	i Informational
security.tls.v1_3_client	TLS 1.3 client connections valid	Informational	i Informational
dns.network.hostname_resolution	DNS traffic detected from device	Compliant	✱ Required
dns.network.from_dhcp	DNS traffic detected to non-DHCP provided server	Informational	i Informational
dns.mdns	No MDNS traffic detected from the device	Informational	i Informational
ntp.network.ntp_support	Device sent NTPv4 packets	Compliant	✱ Required
ntp.network.ntp_dhcp	Device sent NTP request to non-DHCP provided server	Feature Not Detected	📅 Roadmap

Recommendations for Device Qualification

ATTENTION

The following recommendations are required solely for full device qualification. They are optional for the pilot assessment but you may find it valuable to understand what will be required in the future and our recommendations for your device.

1.

Name

security.services.smtp

Description

Found SMTP server running on port 25/tcp

Steps to resolve

1. Disable the SMTP server
2.

Name

security.services.http

Description

Found HTTP server running on port 80/tcp

Steps to resolve

1. Disable all unsecure HTTP servers

2. Setup TLS on the web server
3.

Name

security.services.imap

Description

Found IMAP server running on port 143/tcp, 993/tcp

Steps to resolve

1. Disable the IMAP server



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4.

Name

connection.ipv6_slaac

Description

Device does not support IPv6

Steps to resolve

1. Install a network manager that supports IPv6
2. Disable DHCPv6

5.

Name

connection.ipv6_ping

Description

No IPv6 SLAAC address found. Cannot ping

Steps to resolve

1. Enable ping response to IPv6 ICMP requests in network manager settings
2. Create a firewall exception to allow ICMPv6 via LAN

6.

Name

security.tls.v1_2_server

Description

TLS 1.2 certificate invalid on ports: 80

Steps to resolve

1. Enable TLS 1.2 support in the web server configuration
2. Disable TLS 1.0 and 1.1
3. Sign the certificate used by the web server

Services Module

TCP ports open	UDP ports open	Total ports open
5	0	5

Port	State	Service	Version
22/tcp	open	ssh	9.7 protocol 2.0
25/tcp	open	smtp	
80/tcp	open	http	2.4.62 (Unix)
143/tcp	open	imap	
993/tcp	open	imaps	

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TLS Module

 No TLS certificates found on the device

Outbound Connections

Destination IP	Port
8.8.8.8	53
4.4.4.4	53
1.1.1.1	53
1.1.1.1	Unknown
194.146.251.101	123
162.159.200.1	123
193.70.94.182	123
212.127.95.218	123
213.222.217.10	123
8.8.8.8	Unknown
142.250.186.196	443
193.59.134.156	123
212.127.78.21	123
51.68.141.5	123

DNS Module

Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
0	31	31	32

Source	Destination	Resolved IP	Type	URL	Count
10.10.10.15	8.8.8.8	N/A	Query	2.pool.ntp.org	2
10.10.10.15	4.4.4.4	N/A	Query	2.pool.ntp.org	1
10.10.10.15	1.1.1.1	N/A	Query	2.pool.ntp.org	1
8.8.8.8	10.10.10.15	91.212.242.21	Response	2.pool.ntp.org	1
1.1.1.1	10.10.10.15	213.222.217.10	Response	2.pool.ntp.org	1
1.1.1.1	10.10.10.15	2001:678:8::123	Response	2.pool.ntp.org	1
10.10.10.15	8.8.8.8	N/A	Query	3.pool.ntp.org	2
10.10.10.15	4.4.4.4	N/A	Query	3.pool.ntp.org	2
10.10.10.15	1.1.1.1	N/A	Query	3.pool.ntp.org	1
8.8.8.8	10.10.10.15	194.146.251.101	Response	3.pool.ntp.org	1
8.8.8.8	10.10.10.15	N/A	Response	3.pool.ntp.org	1
1.1.1.1	10.10.10.15	193.25.222.136	Response	3.pool.ntp.org	1
10.10.10.15	8.8.8.8	N/A	Query	time.nist.gov	2
10.10.10.15	4.4.4.4	N/A	Query	time.nist.gov	1
10.10.10.15	1.1.1.1	N/A	Query	time.nist.gov	1

Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
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Source	Destination	Resolved IP	Type	URL	Count
1.1.1.1	10.10.10.15	N/A	Response	3.pool.ntp.org	1
10.10.10.15	1.1.1.1	N/A	Response	3.pool.ntp.org	1
8.8.8.8	10.10.10.15	132.163.97.6	Response	time.nist.gov	1
8.8.8.8	10.10.10.15	2610:20:6f15:15::26	Response	time.nist.gov	1
1.1.1.1	10.10.10.15	132.163.97.6	Response	time.nist.gov	1
1.1.1.1	10.10.10.15	2610:20:6f96:96::4	Response	time.nist.gov	1
10.10.10.15	8.8.8.8	N/A	Query	pool.ntp.org	4
10.10.10.15	4.4.4.4	N/A	Query	pool.ntp.org	4
10.10.10.15	1.1.1.1	N/A	Query	pool.ntp.org	1
8.8.8.8	10.10.10.15	162.159.200.1	Response	pool.ntp.org	1
1.1.1.1	10.10.10.15	212.127.95.218	Response	pool.ntp.org	1
8.8.8.8	10.10.10.15	N/A	Response	pool.ntp.org	2
1.1.1.1	10.10.10.15	N/A	Response	pool.ntp.org	2
10.10.10.15	1.1.1.1	N/A	Response	pool.ntp.org	1
10.10.10.15	8.8.8.8	N/A	Query	www.google.com	2

Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
0	31	31	32

Source	Destination	Resolved IP	Type	URL	Count
10.10.10.15	4.4.4.4	N/A	Query	www.google.com	2
8.8.8.8	10.10.10.15	2a00:1450:401b:810::2004	Response	www.google.com	1
1.1.1.1	10.10.10.15	142.250.186.196	Response	www.google.com	1
8.8.8.8	10.10.10.15	142.250.203.196	Response	www.google.com	1
10.10.10.15	8.8.8.8	142.250.203.196	Response	www.google.com	1
1.1.1.1	10.10.10.15	2a00:1450:401b:80d::2004	Response	www.google.com	1
10.10.10.15	1.1.1.1	2a00:1450:401b:80d::2004	Response	www.google.com	1
1.1.1.1	10.10.10.15	162.159.200.1	Response	pool.ntp.org	1
8.8.8.8	10.10.10.15	212.127.95.218	Response	pool.ntp.org	1
10.10.10.15	8.8.8.8	N/A	Query	time.cloudflare.com	1
10.10.10.15	4.4.4.4	N/A	Query	time.cloudflare.com	2
10.10.10.15	1.1.1.1	N/A	Query	time.cloudflare.com	2
8.8.8.8	10.10.10.15	162.159.200.1	Response	time.cloudflare.com	1
8.8.8.8	10.10.10.15	2606:4700:f1::1	Response	time.cloudflare.com	1
1.1.1.1	10.10.10.15	162.159.200.1	Response	time.cloudflare.com	1

Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
0	31	31	32

Source	Destination	Resolved IP	Type	URL	Count
1.1.1.1	10.10.10.15	2606:4700:f1::1	Response	time.cloudflare.com	1
10.10.10.15	1.1.1.1	2606:4700:f1::1	Response	time.cloudflare.com	1

NTP Module

Requests to local NTP server	Requests to external NTP servers	Total NTP requests	Total NTP responses
0	32	32	32

Source	Destination	Type	Version	Count	Sync Request Average
10.10.10.15	194.146.251.101	Client	4	4	1.977 seconds
194.146.251.101	10.10.10.15	Server	4	4	N/A
10.10.10.15	162.159.200.1	Client	4	7	4.406 seconds
162.159.200.1	10.10.10.15	Server	4	7	N/A
10.10.10.15	193.70.94.182	Client	4	4	2.099 seconds
193.70.94.182	10.10.10.15	Server	4	4	N/A
10.10.10.15	212.127.95.218	Client	4	4	2.217 seconds
212.127.95.218	10.10.10.15	Server	4	4	N/A
10.10.10.15	213.222.217.10	Client	4	4	2.211 seconds
213.222.217.10	10.10.10.15	Server	4	4	N/A
10.10.10.15	193.59.134.156	Client	4	3	6.196 seconds
10.10.10.15	212.127.78.21	Client	4	3	7.638 seconds
10.10.10.15	51.68.141.5	Client	4	3	6.196 seconds
51.68.141.5	10.10.10.15	Server	4	3	N/A
212.127.78.21	10.10.10.15	Server	4	3	N/A
193.59.134.156	10.10.10.15	Server	4	3	N/A

Device profile

	Question	Answer
1.	What type of device is this?	IoT Gateway
2.	Please select the technology this device falls into	Hardware - Access Control
3.	Does your device process any sensitive information?	No
4.	Can all non-essential services be disabled on your device?	Yes
5.	Is there a second IP port on the device?	Yes
6.	Can the second IP port on your device be disabled?	Yes