



dell wyse

Manufacturer
dell

Model
wyse

Firmware
123

MAC Address
f0:d4:e2:f2:f5:41

Device Configuration

✓ Protocol

✓ Services

✓ Connection

✓ TLS

✓ DNS

✓ NTP

Test Status
Complete

Test Result
Non-Compliant

Started
2025-10-16 22:44:40

Duration
12m 39s

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 Failed to establish Modbus connection to device	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



Results List (43/43)

Name	Description	Result	Required result
security.services.snmpv3	No SNMP server found	Compliant	✳ Required
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	Successfully auto-negotiated speeds above 10 Mbps Speed negotiated: 1000Mb/s	Compliant	✳ Required
connection.port_duplex	Successfully auto-negotiated full duplex Duplex negotiated: Full	Compliant	✳ Required
connection.switch.arp_inspecti...	Device uses ARP correctly	Compliant	✳ Required
connection.switch.dhcp_snoop...	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_i...	Device received expected IP address after disconnect	Compliant	✳ Required
connection.single_ip	Device is using a single IP address	Compliant	✳ Required

Results List (43/43)

Name	Description	Result	Required result
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 device	Compliant	✳ Required
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	No outbound TLS connections were found	Feature Not Detected	✳ Required if Applicable
security.tls.v1_2_server	TLS 1.2 certificate invalid on ports: 80 HTTP service detected on port 80. TLS 1.2 validated on port 443: Certificate has a valid time range RSA key length passed: 2048 >= 2048 Device signed by cert:/testrun/root_certs/nginx.crt TLS 1.3 validated on port 443: Certificate has a valid time range RSA key length passed: 2048 >= 2048 Device signed by cert:/testrun/root_certs/nginx.crt	Non-Compliant	✳ Required if Applicable
security.tls.v1_2_client	No outbound TLS connections were found	Feature Not Detected	✳ Required if Applicable
security.tls.v1_3_server	TLS 1.3 certificate invalid on ports: 80 HTTP service detected on port 80. Certificate has a valid time range RSA key length passed: 2048 >= 2048 Device signed by cert:/testrun/root_certs/nginx.crt	Informational	ℹ Informational
security.tls.v1_3_client	No outbound TLS connections were found	Feature Not Detected	ℹ Informational
dns.network.hostname_resolut...	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

Results List (43/43)

Name	Description	Result	Required result
ntp.network.ntp_dhcp	Device sent NTP request to non-DHCP provided server	Feature Not Detected	 Roadmap



Non-compliant tests and suggested steps to resolve

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

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

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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
6	0	6

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

TLS Module

Expiry	Length	Type	Port number	Signed by
2026-09-11 13:46:00	859	RSA	443	test

Certificate Information

Property	Value
Version	3 (0x2)
Signature Alg.	sha256WithRSAEncryption
Validity from	2025-09-11 13:46:00
Valid to	2026-09-11 13:46:00

Subject Information

Property	Value
C	AU
ST	Some-State
O	Internet Widgits Pty Ltd
CN	test

Certificate Extensions

Property	Value
subjectKeyIdentifier	digest=98d36fa1a42284a55fb324735c4f89cc4597c5b1



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
156.17.20.254	123
54.37.233.160	123
162.159.200.123	123
132.163.96.6	123
192.86.14.67	123
89.161.47.136	123
89.161.47.131	123

DNS Module

Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
0	18	18	21

Source	Destination	Resolved IP	Type	URL	Count
10.10.10.14	8.8.8.8	N/A	Query	1.pool.ntp.org	2
10.10.10.14	1.1.1.1	N/A	Query	1.pool.ntp.org	1
8.8.8.8	10.10.10.14	N/A	Response	1.pool.ntp.org	1
8.8.8.8	10.10.10.14	156.17.20.254	Response	1.pool.ntp.org	1
1.1.1.1	10.10.10.14	46.174.178.150	Response	1.pool.ntp.org	1
10.10.10.14	8.8.8.8	N/A	Query	2.pool.ntp.org	2
10.10.10.14	4.4.4.4	N/A	Query	2.pool.ntp.org	1
10.10.10.14	1.1.1.1	N/A	Query	2.pool.ntp.org	1
1.1.1.1	10.10.10.14	N/A	Response	1.pool.ntp.org	1
10.10.10.14	1.1.1.1	N/A	Response	1.pool.ntp.org	1
8.8.8.8	10.10.10.14	194.146.251.101	Response	2.pool.ntp.org	1
1.1.1.1	10.10.10.14	149.156.70.60	Response	2.pool.ntp.org	1
8.8.8.8	10.10.10.14	2001:678:8::123	Response	2.pool.ntp.org	1
10.10.10.14	8.8.8.8	N/A	Query	3.pool.ntp.org	2
10.10.10.14	4.4.4.4	N/A	Query	3.pool.ntp.org	1

Requests to local DNS server

0

Requests to external DNS servers

18

Total DNS requests

18

Total DNS responses

21

Source	Destination	Resolved IP	Type	URL	Count
10.10.10.14	1.1.1.1	N/A	Query	3.pool.ntp.org	1
8.8.8.8	10.10.10.14	162.159.200.123	Response	3.pool.ntp.org	1
8.8.8.8	10.10.10.14	N/A	Response	3.pool.ntp.org	1
10.10.10.14	8.8.8.8	N/A	Query	time.nist.gov	1
10.10.10.14	4.4.4.4	N/A	Query	time.nist.gov	2
10.10.10.14	1.1.1.1	N/A	Query	time.nist.gov	1
1.1.1.1	10.10.10.14	194.146.251.114	Response	3.pool.ntp.org	1
10.10.10.14	1.1.1.1	194.146.251.114	Response	3.pool.ntp.org	1
8.8.8.8	10.10.10.14	132.163.96.6	Response	time.nist.gov	1
8.8.8.8	10.10.10.14	2610:20:6f96:96::6	Response	time.nist.gov	1
1.1.1.1	10.10.10.14	132.163.96.6	Response	time.nist.gov	1
1.1.1.1	10.10.10.14	2610:20:6f15:15::27	Response	time.nist.gov	1
10.10.10.14	1.1.1.1	2610:20:6f15:15::27	Response	time.nist.gov	1
10.10.10.14	8.8.8.8	N/A	Query	pool.ntp.org	2
10.10.10.14	4.4.4.4	N/A	Query	pool.ntp.org	1

Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
0	18	18	21

Source	Destination	Resolved IP	Type	URL	Count
8.8.8.8	10.10.10.14	192.86.14.67	Response	pool.ntp.org	1
1.1.1.1	10.10.10.14	89.161.47.136	Response	pool.ntp.org	1
1.1.1.1	10.10.10.14	N/A	Response	pool.ntp.org	1
8.8.8.8	10.10.10.14	N/A	Response	pool.ntp.org	1

NTP Module

Requests to local NTP server	Requests to external NTP servers	Total NTP requests	Total NTP responses
0	28	28	28

Source	Destination	Type	Version	Count	Sync Request Average
10.10.10.14	156.17.20.254	Client	4	4	2.003 seconds
156.17.20.254	10.10.10.14	Server	4	4	N/A
10.10.10.14	54.37.233.160	Client	4	4	1.998 seconds
54.37.233.160	10.10.10.14	Server	4	4	N/A
10.10.10.14	162.159.200.123	Client	4	4	1.995 seconds
162.159.200.123	10.10.10.14	Server	4	4	N/A
10.10.10.14	132.163.96.6	Client	4	4	1.992 seconds
10.10.10.14	192.86.14.67	Client	4	4	1.990 seconds
192.86.14.67	10.10.10.14	Server	4	4	N/A
132.163.96.6	10.10.10.14	Server	3	4	N/A
10.10.10.14	89.161.47.136	Client	4	4	1.984 seconds
89.161.47.136	10.10.10.14	Server	4	4	N/A
10.10.10.14	89.161.47.131	Client	4	4	1.980 seconds
89.161.47.131	10.10.10.14	Server	4	4	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