dell wyse

Manufacturer **dell**	Device Configuration	Test Status **Complete**
Model **wyse**	✔ Protocol	Test Result **Non-Compliant**
Firmware **123**	✔ Services ✔ Connection	Pilot Recommendation **Do Not Proceed**
MAC Address **f0:d4:e2:f2:f5:41**	✔ TLS ✔ DNS ✔ NTP	Started **2025-10-17 10:53:15** Duration **11m 59s**

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

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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	Succesfully auto-negotiated speeds above 10 Mbps Speed negotiated: 1000Mb/s	Compliant	✳ Required
connection.port_duplex	Succesfully auto-negotiated full duplex Duplex negotiated: Full	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

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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 SLAAC	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_resolution	No DNS traffic detected from the device	Non-Compliant	✳ Required
dns.network.from_dhcp	No DNS traffic detected from the device to the DHCP DNS server	Informational	ℹ Informational
dns.mdns	No MDNS traffic detected from the device	Informational	ℹ Informational
ntp.network.ntp_support	Device has not sent any NTP requests	Non-Compliant	✳ Required

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Results List (43/43)

Name	Description	Result	Required result
ntp.network.ntp_dhcp	Device has not sent any NTP requests	Feature Not Detected	🔵 Roadmap

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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

Steps to resolve
1. Disable the SMTP server

Description
Found SMTP server running on port 25/tcp

2.

Name
security.services.http

Steps to resolve
1. Disable all unsecure HTTP servers
2. Setup TLS on the web server

Description
Found HTTP server running on port 80/tcp

3.

Name
security.services.imap

Steps to resolve
1. Disable the IMAP server

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

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4.

Name
connection.ipv6_slaac

Description
Device does not support IPv6 SLAAC

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

7.

Name
dns.network.hostname_resolution

Description
No DNS traffic detected from the device

Steps to resolve
1. Install a supported DNS client
2. Ensure DNS servers have been set correctly
3. Ensure the gateway IP has been set and the device has internet access

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8.

Name
ntp.network.ntp_support

Description
Device has not sent any NTP requests

Steps to resolve
1. Set the NTP version to v4 in the NTP client
2. Install an NTP client that supports NTPv4

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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	

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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

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DNS Module

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

ⓘ No DNS traffic detected from the device

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NTP Module

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

ⓘ No NTP traffic detected from the device

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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