



sclera sclera vdms

Manufacturer
sclera

Model
sclera vdms

Firmware
7

MAC Address
00:e2:69:40:93:82

Device Configuration

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

Test Status
Complete

Test Result
Non-Compliant

Pilot Recommendation
Proceed

Started
2025-03-18 19:42:45

Duration
19m 24s

Results List (39/43)

Name	Description	Result	Required result
protocol.valid_bacnet	Could not resolve device IP address	Error	👍 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.tls.v1_0_client	TLS 1.0 or higher detected	Compliant	⚙️ Required if Applicable
security.tls.v1_2_server	Could not resolve device IP address	Error	⚙️ Required if Applicable
security.tls.v1_2_client	TLS 1.2 client connections valid	Compliant	⚙️ Required if Applicable
security.tls.v1_3_server	Could not resolve device IP address	Error	ℹ️ Informational
security.tls.v1_3_client	TLS 1.3 client connections valid	Informational	ℹ️ 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



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Results List (39/43)

Name	Description	Result	Required result
connection.switch.arp_inspection	Could not resolve device IP address	Error	✳ 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: 00:e2:69:40:93:82	Compliant	✳ Required
connection.mac_oui	No OUI Manufacturer found for: 00:e2:69:40:93:82	Non-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
connection.ipv6_slaac	Device has formed SLAAC address fd10:77be:4186:0:2...	Compliant	✳ Required
connection.ipv6_ping	Device responds to IPv6 ping on fd10:77be:4186:0:2e2...	Compliant	✳ Required
security.services.ftp	No FTP server found	Compliant	✳ Required
security.ssh.version	No SSH server found	Compliant	✳ Required
security.services.telnet	No telnet server found	Compliant	✳ Required
security.services.smtp	No SMTP server found	Compliant	✳ Required
security.services.http	No HTTP server found	Compliant	✳ Required



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Results List (39/43)

Name	Description	Result	Required result
security.services.pop	No POP server found	Compliant	✳ Required
security.services.imap	No IMAP server found	Compliant	✳ Required
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
dns.network.hostname_resolution	DNS traffic detected from device	Compliant	✳ Required
dns.network.from_dhcp	No DNS traffic detected from the device	Informational	ℹ Informational
dns.mdns	MDNS traffic detected from device	Informational	ℹ Informational
ntp.network.ntp_support	Device sent NTPv4 packets	Compliant	✳ Required
ntp.network.ntp_dhcp	Device sent NTP request to DHCP provided server	Compliant	📌 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.

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TLS Module

 No TLS certificates found on the device

Services Module

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

 No open ports detected

DNS Module

Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
0	77	77	81

Source	Destination	Resolved IP	Type	URL
10.10.10.15	224.0.0.251	N/A	Query	2.8.3.9.0.4.e.f.f.f.9.2.0.0.0.0.0.6.8.1.4.e.
10.10.10.15	224.0.0.251	10.10.10.15	Response	N/
10.0.0.100	224.0.0.251	N/A	Query	2.8.3.9.0.4.e.f.f.f.9.2.0.0.0.0.0.6.8.1.4.e.
10.0.0.100	224.0.0.251	10.0.0.100	Response	N/
172.16.222.41	224.0.0.251	N/A	Query	2.8.3.9.0.4.e.f.f.f.9.2.0.0.0.0.0.6.8.1.4.e.
172.16.222.41	224.0.0.251	172.16.222.41	Response	N/
192.168.240.6	224.0.0.251	N/A	Query	2.8.3.9.0.4.e.f.f.f.9.2.0.0.0.0.0.6.8.1.4.e.
192.168.240.6	224.0.0.251	192.168.240.6	Response	N/
100.64.134.249	224.0.0.251	N/A	Query	2.8.3.9.0.4.e.f.f.f.9.2.0.0.0.0.0.6.8.1.4.e.
100.64.134.249	224.0.0.251	100.64.134.249	Response	N/
10.10.10.15	224.0.0.251	N/A	Query	2.8.3.9.0.4.e.f.f.f.9.2.0.0.0.0.0.0.0.0.0.0.
10.10.10.15	224.0.0.251	fe80::2e2:69ff:fe40:9382	Response	N/
10.10.10.15	224.0.0.251	fd10:77be:4186:0:2e2:69ff:fe40:9382	Response	N/
10.10.10.15	224.0.0.251	N/A	Query	30.10.10.10.in-addr.ar
10.10.10.15	224.0.0.251	10.10.10.30	Response	N/



Requests to local DNS server	Requests to external DNS servers	Total DNS requests	Total DNS responses
0	77	77	81

Source	Destination	Resolved IP	Type	URL	Count
10.10.10.30	224.0.0.251	10.10.10.15	Response	N/	1
10.10.10.15	8.8.8.8	N/A	Query	qa-app.sclera.com	2
8.8.8.8	10.10.10.15	N/A	Response	qa-app.sclera.com	2
8.8.8.8	10.10.10.15	35.154.127.70	Response	qa-app.sclera.com	2



NTP Module

Requests to local NTP server	Requests to external NTP servers	Total NTP requests	Total NTP responses
26	0	26	26

Source	Destination	Type	Version	Count	Sync Request Average
10.10.10.15	10.10.10.5	Client	4	22	27.562 seconds
10.10.10.5	10.10.10.15	Server	4	22	N/A
10.10.10.30	10.10.10.5	Client	4	4	15.348 seconds
10.10.10.5	10.10.10.30	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 - Monitoring
3. Does your device process any sensitive information?	Yes
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