Johnson Controls EasyIO FW-VAV

TEST RUN

Manufacturer	Device Configuration	Test Status
Johnson Controls	✔ Protocol	Complete
Model	✔ Services	**Test Result**
EasyIO FW-VAV	✔ Connection	**Non-Compliant**
Firmware	✔ DNS	**Started**
Not supplied	✔ NTP	2025-09-24 15:59:31
MAC Address	✔ TLS	**Duration**
38:d1:35:0f:18:f6		16m 54s

Results List (32/43)

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 Failed to establish Modbus connection to device	Feature Not Detected	👍 Recommended
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 (32/43)

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
connection.port_link	No port errors detected	Compliant	✳ Required
connection.port_speed	Succesfully auto-negotiated speeds above 10 Mbps Speed negotiated: 100Mb/s	Compliant	✳ Required
connection.port_duplex	Succesfully auto-negotiated full duplex Duplex negotiated: Full	Compliant	✳ Required
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	No DHCP lease could be found for MAC 38:d1:35:0f:18:f6 at the time of this test	Non-Compliant	✳ Required
connection.mac_address	MAC address found: 38:d1:35:0f:18:f6	Compliant	✳ Required
connection.mac_oui	OUI Manufacturer found: EasyIO Corporation Sdn. Bhd.	Compliant	✳ Required
connection.private_address	Device has no current DHCP lease so this test could not be run	Error	✳ Required
connection.shared_address	Device has no current DHCP lease so this test could not be run	Error	✳ Required

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Results List (32/43)

Name	Description	Result	Required result
connection.dhcp_disconnect	No active lease available for device	Error	✳ Required
connection.dhcp_disconnect_ip...	No active lease available for device	Error	✳ Required
connection.single_ip	Device is using a single IP address	Compliant	✳ Required
connection.target_ping	Could not resolve device IP address	Error	✳ Required
connection.ipaddr.ip_change	Device has no current DHCP lease so this test could not be run	Error	✳ Required
connection.ipaddr.dhcp_failover	Network is not ready for this test	Error	✳ 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
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	🛈 Informational
dns.mdns	No MDNS traffic detected from the device	Informational	🛈 Informational
ntp.network.ntp_support	Device has not sent any NTP requests	Non-Compliant	✳ Required
ntp.network.ntp_dhcp	Device has not sent any NTP requests	Feature Not Detected	🔀 Roadmap
security.tls.v1_0_client	No outbound TLS connections were found	Feature Not Detected	✳ Required if Applicable
security.tls.v1_2_server	Could not resolve device IP address Could not resolve device IP address	Error	✳ 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	Could not resolve device IP address	Error	🛈 Informational
security.tls.v1_3_client	No outbound TLS connections were found	Feature Not Detected	🛈 Informational

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Non-compliant tests and suggested steps to resolve

1.

Name
connection.dhcp_address

Description
No DHCP lease could be found for MAC 38:d1:35:0f:18:f6 at the time of this test

Steps to resolve
1. Enable DHCP
2. Install a DHCP client
3. Ensure that your DHCP client renews its lease at the correct time

2.

Name
connection.ipv6_slaac

Description
Device does not support IPv6

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

3.

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

4.

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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5.

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
0	0	0

ⓘ No open ports detected

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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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TLS Module

ⓘ No TLS certificates found on the device

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Device profile

	Question	Answer
1.	What type of device is this?	Building Automation Gateway
2.	Please select the technology this device falls into	Hardware - Access Control
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