

FAQ: Ignition Modules

General

[How do I know if my MQTT modules are compatible with my version of Ignition?](#)

[Which Ignition Datatypes are supported via MQTT?](#)

[Do I need to do anything special to connect to my TTN \(\[www.thethingsnetwork.org\]\(http://www.thethingsnetwork.org\)\) broker?](#)

[Why are the parameter labels for the modules displayed oddly in the UI?](#)

[What do each of the MQTT Modules do in simple terms?](#)

[How do I find the Self-Signed Certificates loaded for Ignition?](#)

[How can I reduce the overall bandwidth when using Ignition and MQTT modules over a cellular connection?](#)

[What are the changes to the STATE message in the Sparkplug v3.0.0 specification?](#)

[Why am I getting a certificate expired warning when loading a module?](#)

[What are the recommended IIoT Security Best Practices](#)

[Are proxy servers supported?](#)

- [Proxy servers are currently only supported by the MQTT Google Injector](#)

MQTT Transmission

[How do I exclude tags from being included in Transmission Sparkplug message payload?](#)

[How do I exclude tags from being stored in a configured HistoryStore when Transmission is offline?](#)

[What does the MQTT 'Transmission Control/Refresh' in the MQTT Transmission tag provider do?](#)

[Why is my history store flushing slowly and the current live values not being sent?](#)

[I created a Transmitter but my MQTT Transmission module does not show connections to my MQTT Server](#)

[I have data that is toggling between stale and healthy at my subscribing MQTT Client](#)

[How do I limit tag properties from being published by Transmission?](#)

[How do I minimize data loss when using MQTT Store and Forward?](#)

[How do I determine the settings for an MQTT History Store?](#)

[Why are my tag properties not being published by MQTT Transmission?](#)

[Can I send a Sparkplug JSON formatted command to MQTT Transmission?](#)

[How do I exclude UDT definitions from being included in Transmission Sparkplug BIRTH message?](#)

[What is the CMD workflow between MQTT Engine and MQTT Transmission](#)

[How do I know how many MQTT clients are connected from MQTT Transmission](#)

[How can I set the QoS or retain flag for MQTT Transmission published messages](#)

MQTT Engine

[How do I persist \[alarm\]\(#\) and \[history\]\(#\) configurations for MQTT Engine tags?](#)

[How do I manage UDT definition changes at the edge?](#)

[I made a update to a UDT and now my data is now longer reporting](#)

[I deleted my MQTT Engine tags and lost all alarm and history configuration](#)

[If I delete and update a UDT definition in MQTT Engine will all of the existing instance's member Tags lose their custom properties and configurations \(such as history\)?](#)

- Yes, if a UDT definition is deleted and recreated, any existing UDT instances will lose any custom properties and/or configuration.

[How do I ignore or block tag properties at Engine?](#)

[How do I expose MQTT Engine as an Ignition OPC UA tag provider](#)

[How do I configure MQTT Engine to subscribe on QOS1 for non Sparkplug message](#)

[How do I resolve out of order messages arriving at MQTT Engine from a server that does not guarantee in order delivery of messages](#)

[How can I synchronize events at MQTT Engine when using tag change scripts](#)

[Why do I see Sparkplug B namespace messages in my custom namespace folders?](#)

MQTT Engine will match ALL namespaces for any incoming message. If MQTT Engine is receiving only custom namespace messages, we recommend disabling the default Sparkplug B default namespace. If MQTT Engine is receiving messages from both the Sparkplug B default namespace and a custom namespace, you will need to ensure that your custom namespace subscription is refined so as not to pick up the messages from the Sparkplug B namespace (spBv1.0/.....)

[How do I manage MQTT messages with changing payload JSON structure at MQTT Engine](#)

[What is the CMD workflow between MQTT Engine and MQTT Transmission](#)

[How do I know how many MQTT Clients are connected from MQTT Engine](#)

[How do I know how many Sparkplug EdgeNodes are connected at MQTT Engine](#)

MQTT Distributor

[How many simultaneous MQTT Client connections can MQTT Distributor support?](#)

[Where can I see my MQTT Distributor license option?](#)

[How do I know how many MQTT Clients are connected to MQTT Distributor?](#)

Cloud Modules

[Why I am seeing Quality codes in Injector payloads that are wrong/undocumented? For example, '-2147483133' instead of '515' for Bad_Disabled?](#)

[Why are my connections to AWS IoT oscillating?](#)

[What is the JSON format for the messages published from the Cloud Injector modules?](#)

[How can I increase throughput for the Azure Injector?](#)

Driver Modules

[Where is the Emerson ROC Driver configuration data stored?](#)

[How do I resolve No Meter/Station ID found errors for Emerson ROC](#)

[How do I publish data from EFM Modules?](#)

Additional Resources

- Inductive Automation's Ignition download with free trial
 - [Current Ignition Release](#)
- Cirrus Link Solutions Modules for Ignition
 - [Ignition Strategic Partner Modules](#)
- Support questions
 - Check out the Cirrus Link Forum: <https://forum.cirrus-link.com/>
 - Contact support: support@cirrus-link.com
- Sales questions
 - Email: sales@cirrus-link.com
 - Phone: +1 (844) 924-7787
- About Cirrus Link
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