## How do I find the Self-Signed Certificates loaded for Ignition

If you do not have access to or cannot easily locate your Intermediate and/or Root CA Certificates required to be used by the MQTT Modules, you can download by using the Firefox browser.

Using Firefox, make a connection on port 8043 on the Ignition URL using a private window.

You will be warned of a Potential Security Risk. Select Advanced and then select View Certificate.

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$\leftarrow$ $\rightarrow$ C $\clubsuit$ Not Secure https://localhe	pst:8043/web/config/network.Web Server?30&ca_signed_success=true ☆ 🛛 😒 😃 🖺 ≡			
try to steal information like y	our passwords, emails, or credit card details.			
What can you do about it?				
The issue is most likely with	the website, and there is nothing you can do to resolve it.			
If you are on a corporate network or using anti-virus software, you can reach out to the support teams for assistance. You can also notify the website's administrator about the problem.				
Learn more				
	Go Back (Recommended) Advanced			
Someone could be try Websites prove their i certificate issuer is ur intermediate certifica Error code: SEC_ERR( View Certificate	ing to impersonate the site and you should not continue. dentity via certificates. Firefox does not trust localhost:8043 because its known, the certificate is self-signed, or the server is not sending the correct tes. DR_UNKNOWN_ISSUER Go Back (Recommended) Accept the Risk and Continue			

The browser will show each of the certificates available. Select the appropriate tab(s) and scroll down to find the download file link to download each cert file..

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$\leftarrow \rightarrow \mathbf{G}$	Sirefox about:certificate?cert	t=MIIFvjCCA6agAwIBAgICEAAwDQYJKoZIhvc	NAQELBQAwdjELMAkGA1UEBhMCVVMxDzA	☆ ♡ ≡
	Certificate			
	localhost	CLS Testing Intermediate CA	CLS Testing Root CA	
	Subject Name			
	Country	US		
	State/Province	Kansas		
	Locality	Spring Hill		
	Organization	Cirrus Link Solutions		
	Organizational Unit	Support		
	Common Name	CLS Testing Root CA		
	Issuer Name			
	Country	US		
	State/Province	Kansas		
	Locality	Spring Hill		
	Organization	Cirrus Link Solutions		
	Organizational Unit	Support		
	Common Name	CLS Testing Root CA		

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$\leftarrow \  \  \rightarrow \  \   G$	Sirefox about:certificate?cert	=MIIFvjCCA6agAwlBAgICEAAwDQYJKoZIhvcNAQELBQAwdjELMAkGA1UEBhMCVVMx( 🟠 💿 📋 🚍			
	Fubile Rey Into				
	Algorithm	RSA			
	Key Size	2048			
	Exponent	65537			
	Modulus	D3:B7:BA:29:36:BD:52:F5:D8:BD:B7:36:1E:F3:C9:92:B3:CA:1D:1F:C2:08:D			
	Miscellaneous				
	Miscellancous				
	Serial Number	10:00			
	Signature Algorithm	SHA-256 with RSA Encryption			
	Version				
	Download	PEM (cert) PEM (chain)			
	Fingerprints				
	SHA-256	F1:22:FF:6A:A9:6B:0A:84:AE:07:F1:5A:1D:98:1B:90:82:A1:7F:17:B7:62:5D:F			
	SHA-1	16:85:B5:0E:3F:A4:47:90:A8:CC:F8:12:AA:0D:EC:FA:D6:A4:7C:88			
	Basic Constraints				
	Certificate Authority	No			
	() Key Usages				
data:,BEGIN CERTIFICATE%0D%0AMIIFvjCCA6agAwiBAgiCEAAwDQYJKoZihvcNAQELBQAwdjELMA%0A4N05ouKVxxqL0YAk2w0NVgNTxnm85LKfmbdkqzLa06lquQ==%0D%0AEND CERTIFICATE%0D%0A					