**Controller LAN Communication**

* Communication Port: TCP- 8883
	+ 8883 must be unblocked, it is the MQTT port
	+ 443 or 80 is HTTPS for browser, in most cases (to allow user access to the internet)
* IoT Endpoint Name: a3ctijj2jmv8d5-ats.iot.us-east-1.amazonaws.com
* Get MAC address from controller screen, if that is required, to enable that MAC
	+ ACC2, view controller Settings menu, Networking screen to get MAC if necessary
	+ ICC2, must know IP address to get to internal webpage
		- DHCP must be turned on for LAN to get IP
		- Type IP address to access internal webpage to get the MAC, if necessary
		- Computer accessing the controller for configuration must be within same network for this part of setup

**Static IP:**

* Centralus is a cloud-based system.
	+ It is not an Enterprise system, and does not have or recognize Enterprise security (WPA). It normally works with DHCP to follow dynamic addressing, as necessary.
* If they want to assign a static IP, first step is to get the MAC as bulleted above.
* Then they can assign MAC to static IP if that is the requirement.