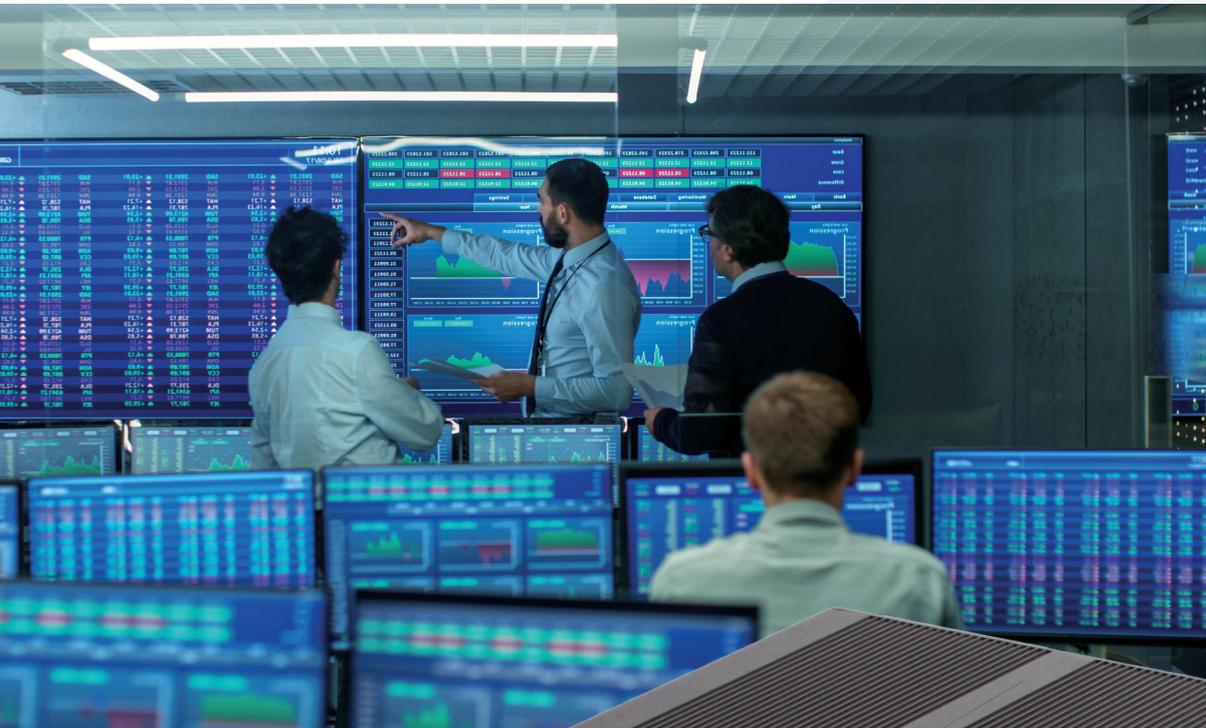


# Arqa Network Switch Settings



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# Arqa Switch Network Settings

## INTRODUCTION

This document will explain the known settings required for switches being used in an Arqa Network.

## SWITCH SETTINGS

In order to setup and control an Arqa network, a Layer 2 switch is needed at minimum, with the ability to perform IGMPv2 snooping.

Various switches have multiple options that can be controlled and each one is likely to have its settings changed in a different manner, however most commonly these can usually be accessed through a web-based interface.

For more detailed methods of how to administer these switches it is usually more reliable to perform a quick internet search for the relevant switch make and model to find out these initial steps.

Once you have entered the configuration mode of the switch the settings that the Arqa devices and network manager need to set are as below.

**IGMP snooping: Enabled**  
**IGMP Admin Mode: Enabled**  
**IGMP Fast Leave: Enabled**  
**IGMP Validate IP Header: Disabled**

Admin Mode and Fast leave settings should also be enabled across all ports that you wish to use for the Arqa network. If VLANS are being used, ensure that the appropriate VLAN also has the same settings.

Ensure that Multicast is enabled within the switch, most recent switches have this enabled by default, however they may have been disabled by network administrators.

As best practice, we recommend the Arqa network being a standalone and self-contained LAN with no other devices connected to it. When troubleshooting any network issues, we will ask to confirm this is the case.

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