

# First Time

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# Unboxing

## Physical devices

- contents
- required tools
- Physical installation requirements

## Virtual edition

- Licensing
- Sizing

## installation

1. VMWare
2. Qemu/KVM installation
3. GNS3
4. Eve-ng installation

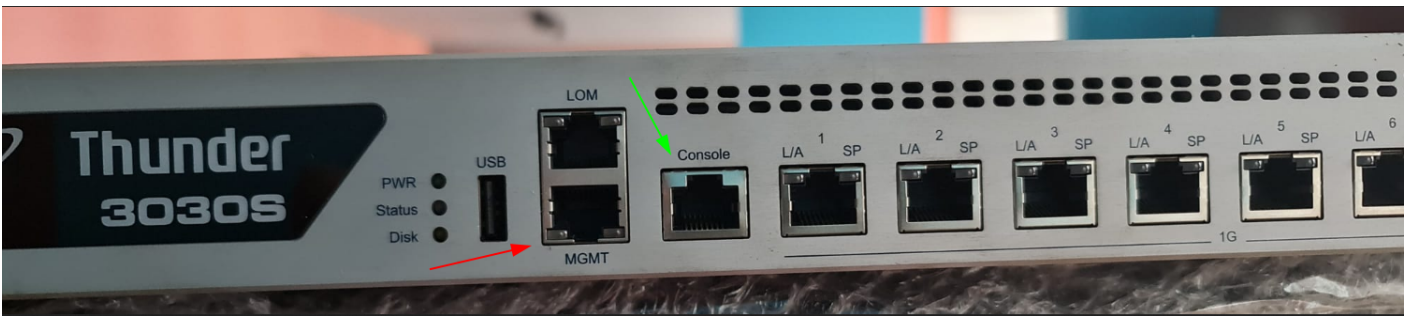
# Management Access

## Console port details

This is the "monitor" port of this device, with a terminal emulator and a serial console cable, you can access the device.

Console port is at the front of the device which is called "Console". and it is shown with green arrow here, You should remember that devices and the location of console ports vary depending to the model of device.

Most of the time it is called Console, but some vendors might use acronyms lik "Con", "IOIOI"



To be able to that you'll need to set the configuration of the port to

- Speed/baudrate: 9600
- data bits : 8
- stop bits: 1

For windows you can use putty and for linux gtkterm is a good option, if you are a mac user you can user a tool like [Serial2](#)

## Management ethernet port details

Management port is a special port seperated from the device's main thing, you'll need this port to access the device remotely or using an ethernet/ip connection.

The default settings are;

- ip address is 172.31.31.31
- user: admin

- password: a10

# Management access

You can connect to the device using https and ssh protocols, there is another way which is api access and we have a special section to show you how it's used.

## Using ssh

for ssh you can use putty in windows and openssh for remaining platforms

## Using https

For https the only need is a modern browser,

# Registration, licensing and flexpool

## Physical devices

All physical devices that A10networks ships, comes with ADC -Application Delivery Controller- license. And if you'd like use additional features like datacenter firewall, supplied web categories, etc.. you will need to purchase additional licenses like

- Webroot
- CFW

The methods to obtain these license will be listed later. The registration will be done on purchasing, by a a10networks salesperson. They will ask for a e-mail address to register the lead and the shipments. You will use that mail address to work with RMA or guarantee requirements.

Note : By default no physical device requires internet connectivity to work in ADC mode. And to unlock additional licenses / features you'll have to allow the device reach either from data ports or from management port to internet.

## Virtual appliances

Virtual appliances downloaded from internet or by applying to trial comes with limited to 10 mbit throughput and ADC features only To use the virtual appliances fully, you'll need to have trial key or paid licenses which are activated with GLM. To obtain licenses, you'll have to supply a contact mail address and use that mail address to login what we called GLM.

## GLM and why we need it for ?

GLM which is Global License manager is a platform from A10networks that manages all this registration, licensing and other bureocratic stuff and also enables something called Flexpool, it resides on <https://glm.a10networks.com> .

## Flexpool

You can buy your license in Throughput not in per device mode. This feature of a10networks allows comissioning many devices sharing one throughput and it is very effective when it comes to create High availability scenarios. It is used by sharing a "GLM Token" through out the devices.