

velocityTM

by Atlona

Version Information

Version	Release Date	Notes
1	June 2018	Initial release
2	Dec 2022	Updated to new document format
3	Sept 2023	Updated to new document format

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Thank you for purchasing this Atlona product. We hope you enjoy it and will take a extra few moments to register your new purchase.

Registration only takes a few minutes and protects this product against theft or loss. In addition, you will receive notifications of product updates and firmware. Atlona product registration is voluntary and failure to register will not affect the product warranty.

To register your product, go to <http://www.atlona.com/registration>

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Operating Notes

For best results, the gateway should be located on the same network as the controlled devices.

As of this writing, there are no firmware updates for this product. When new firmware is released, update instructions will be included with the firmware and will be appended to this manual.

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Introduction

The Atlona AT-VGW-SW is an Atlona Velocity™ System server gateway for AV system control, plus room scheduling and AV asset management. This gateway is a software product, designed for installation on standard IT server infrastructure provisioned by the integrator or end user. With a simple network connection and web browser access, an integrator, tech manager, or technician can quickly begin configuration and deployment of AV control systems, room scheduling touch panels, and AV devices such as matrix switchers. The Velocity VGW-SW server gateway supports industry-standard, secure data communications, and can run within a private, dedicated AV device network. An innovative, network-based system architecture allows full redundancy and failover with two VGW-SW instances in operation, maximizing AV system reliability while preventing downtime in mission-critical applications.

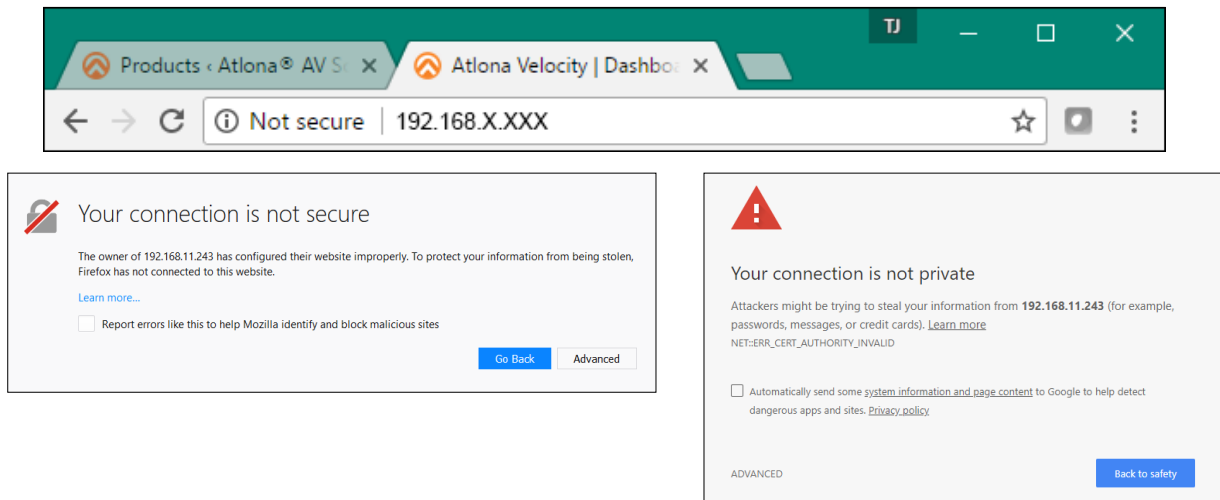
Requirements

AT-VGW-SW

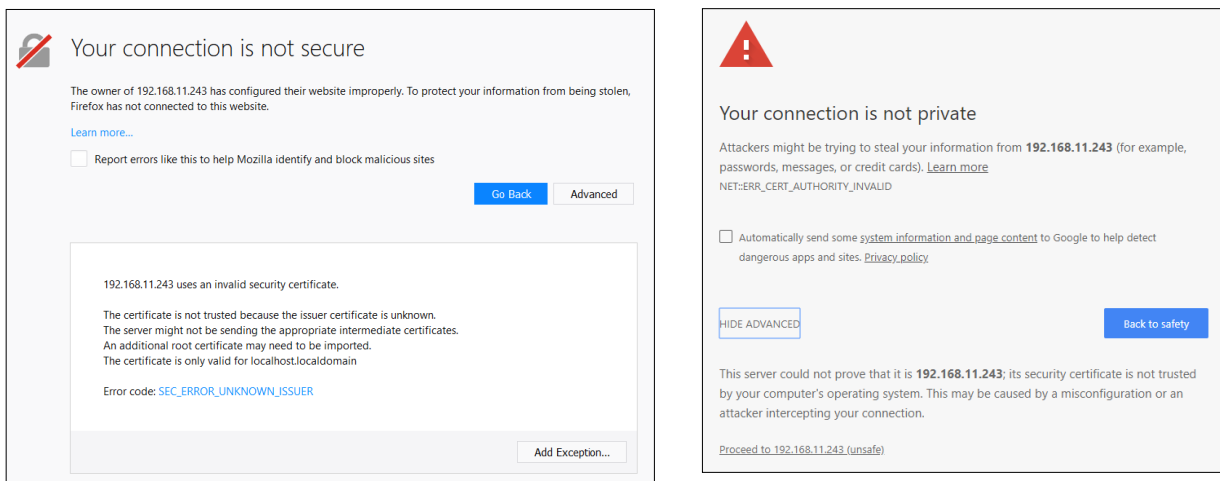
- VMware - ESXI 6.5.0+ OS
- RAM - 16GB minimum
- Core - Dual Core Xeon 2.4 GHz minimum
- Gigabit Ethernet Card
- 64 GB VM HD space minimum
- Velocity Virtual Machine downloaded from the link provided at purchase of the AT-VGW-SW

Log In

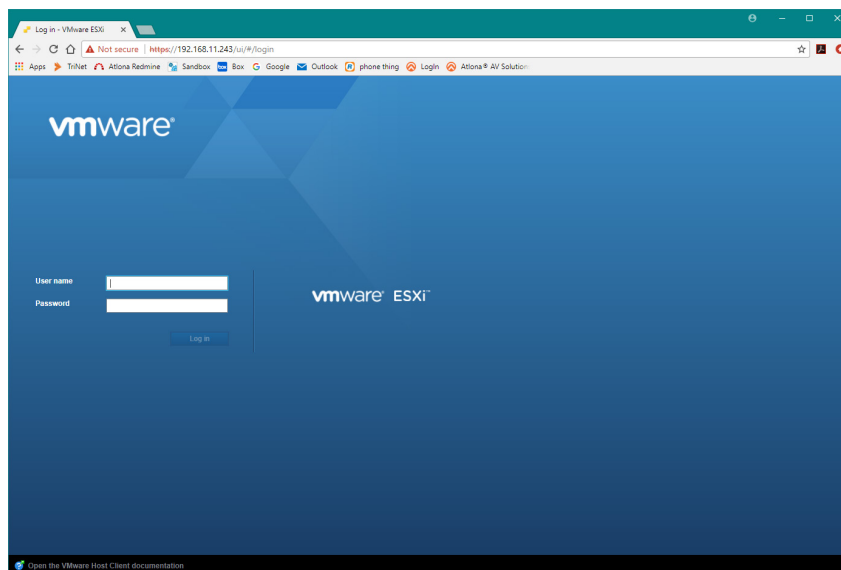
1. Once the server is set up, obtain the IP and type it into a local network browser.



2. The webpage will be blocked as not secure/not private depending on the browser being used. Press the **Advanced** button to reveal more information and make the site link visible.



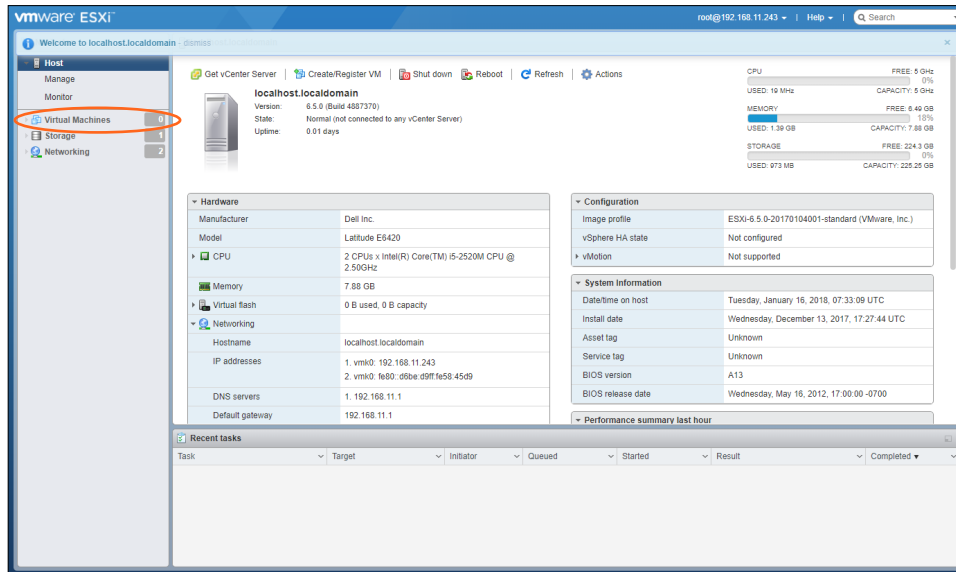
3. Select **Add Exception** or **Proceed to IP (unsafe)**, depending on the web browser being used, to proceed.



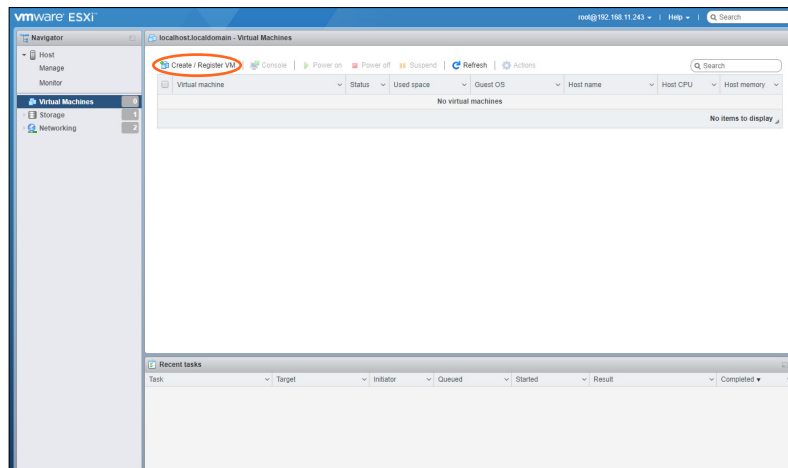
4. Log in using the user name and password that was set up on the ESXI operating system.

Setup

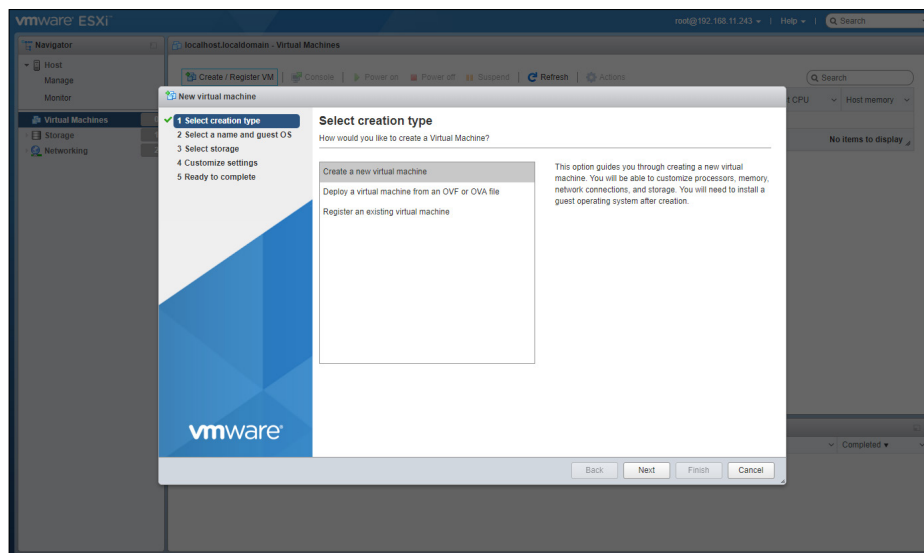
Once logged in, the Velocity virtual machine will need to be set up. To ensure a stable system, use the recommended settings in the following steps.

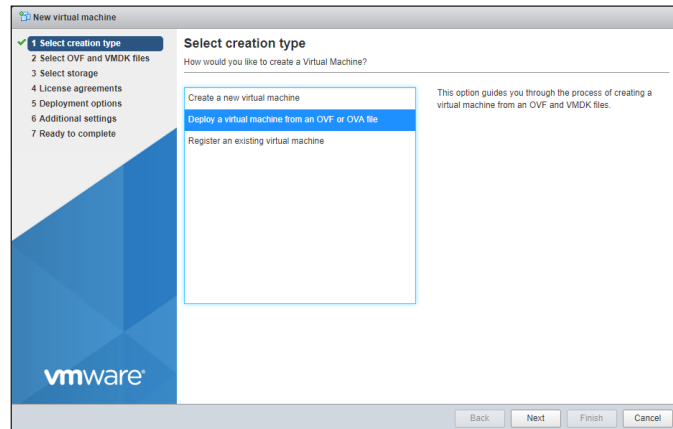


1. Select Virtual Machines from the VMware home page. A new screen will open.

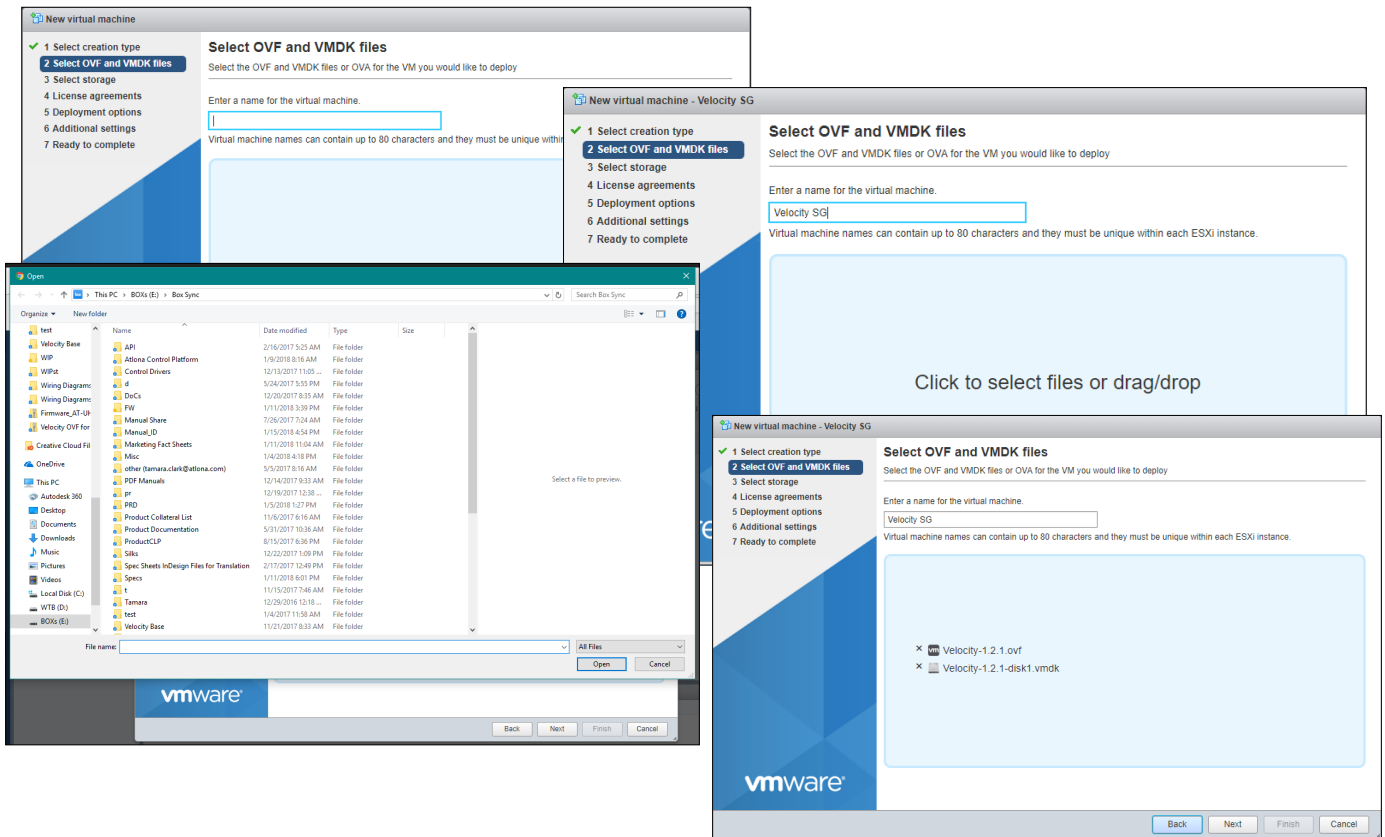


2. Select Create/Register VM from the top left corner of the Virtual Machines screen. A pop up will appear.

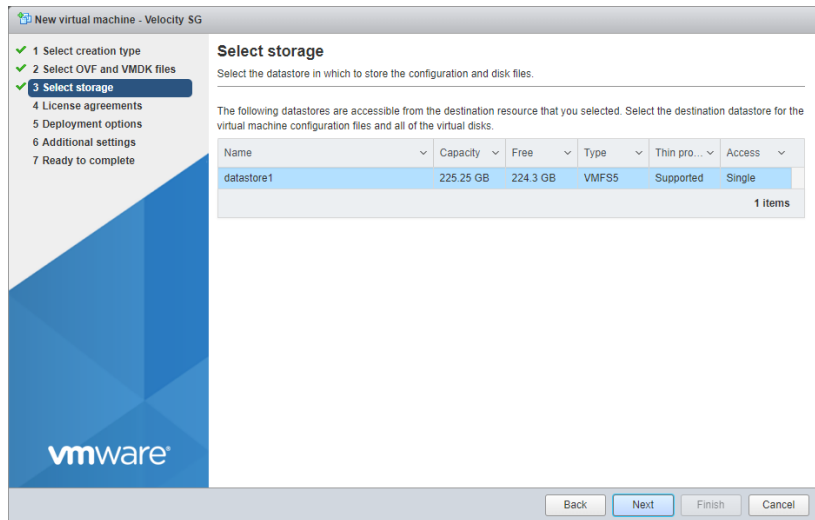




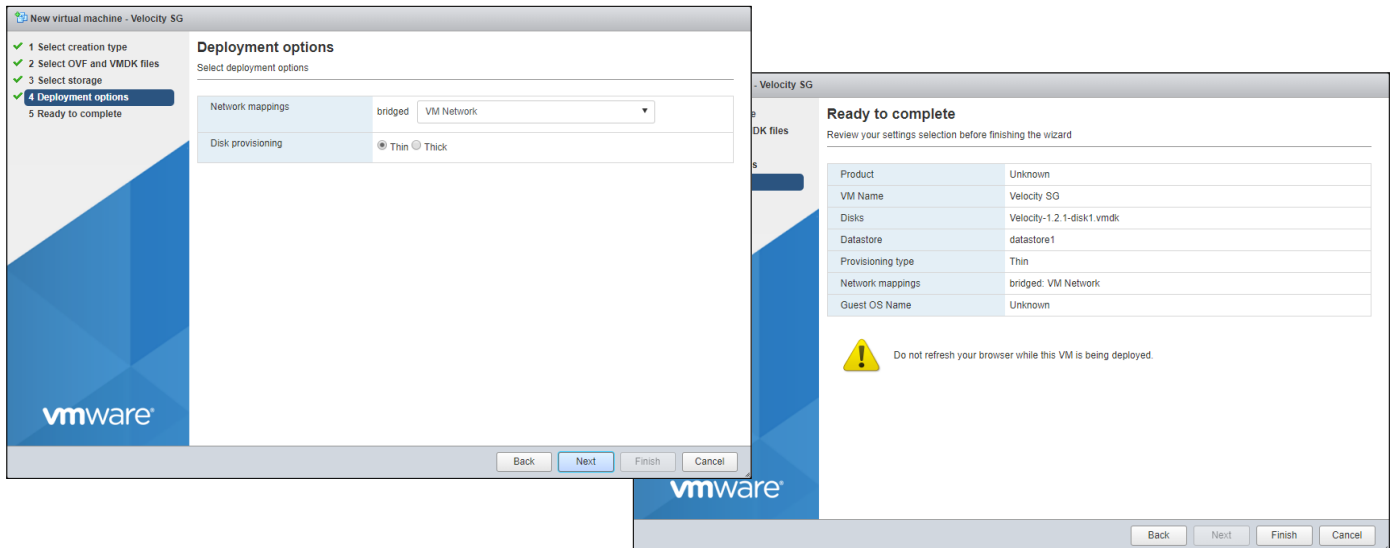
3. Select **Deploy a virtual machine from an OVF or OVA file** and press the **Next** button.



4. Name the virtual machine so that it is easy to see the differences between each virtual machine created.
5. Select the Velocity .ovf and .vmdk files from the local computer.
 - a. Select the blue field to browse the local computer by directory to find the previously downloaded files.
 - b. Drag and drop the files from a folder on the local computer into the blue field.
6. Select the Next button.



7. There will be only one option on this page. Select **Next** to proceed.



8. Select the network that Velocity will be connected to under Network mappings.

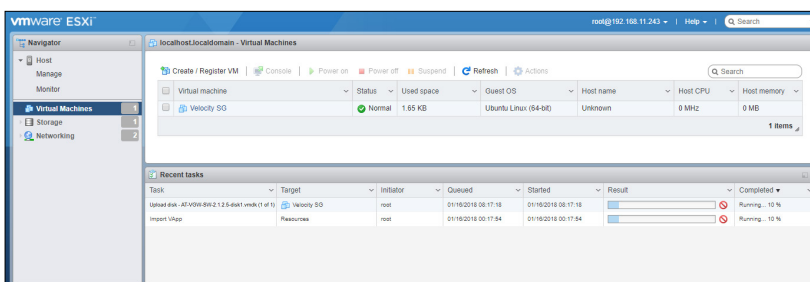
NOTE: The network selected should be the same network that the controlled devices are located.

9. Select the type of disk provisioning that is best for the system.

NOTE: It is recommended that **Thin** is selected for disk provisioning. This will ensure no extra space is taken that isn't needed on the server.

10. Select **Next** once all options have been selected.

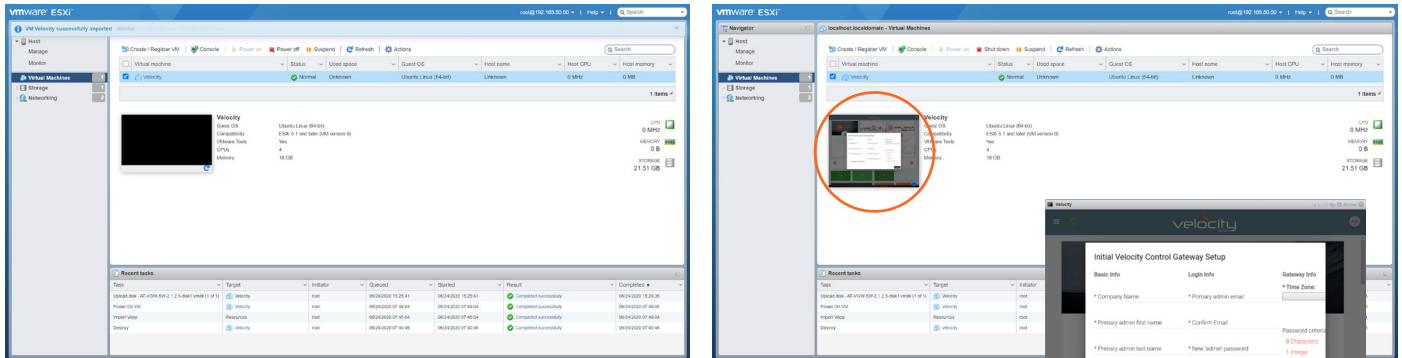
11. Select **Finish** to start building the Velocity virtual machine. The pop up will close and progress bars will display at the bottom of the Virtual Machines page.



Task	Target	Initiator	Queued	Started	Result	Completed
Upload disk ...	Velocity SG	root	01/16/2018 08:17:18	01/16/2018 08:17:18	Completed successfully	01/16/2018 08:19:15
Import vApp	Resources	root	01/16/2018 00:17:54	01/16/2018 00:17:54	Completed successfully	01/16/2018 00:19:55

The Velocity software will start loading once the installation is complete. It will be fully started when the preview picture switches from black to a Velocity landing page.

12. Double click the Velocity server to open the server. A pop up will appear.

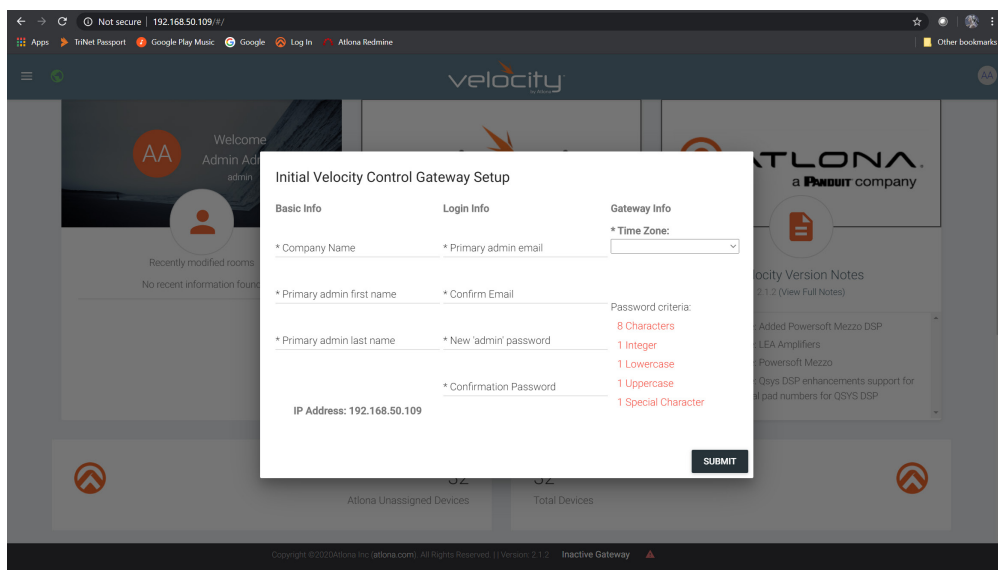


While Velocity can be set up and ran through the VMWare, it is best to open a new tab within the browser and run it there.

12. Type the IP address found on the VMWare pop up into the new browser tab and press enter.



The browser will automatically log in and display the Setup pop up.



Velocity is ready to be used. Follow the instructions for Velocity found in the manual located at <https://atlona.com/product/at-vgw-sw/> under the resources tab.

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