



Recommendations for VMware Setup on a vtServer

1. Use VMware ESXi Software Version V5.5 at minimum or newer.

2. Use OS base: Linux Other 2.6 x64.

3. Dedicate Four (4) CPU cores.

Hyper-threaded CPUs should have hyper-threading disabled in the host system BIOS or UEFI. Disabling this feature prevents logical threads from being assigned to a virtual machine. Logical threads have lower and less predictable performance than the physical cores.

NOTE: Do not share CPUs with other VMware guests because this setup needs to have extra CPUs accessible for optimal performance.

4. Server CPU Processor speed should be 3.0 GHz or faster.

NOTE: The speed of the vtVAX product is set by the Server's CPU Processor speed.

5. Dedicate 8 GB of memory.

NOTE: Do not share memory with other VMware guest(s).

6. Hardware should have the following connections and ports:

- Three (3) Ethernet ports
- Network card Intel E1000 type
- One (1) port for vtServer (Bare Metal OS)
- Two (2) ports for vtVAX

NOTE: Refer to the vtVAX configuration file for the exact number of ports for vtVAX; sometimes one (1) port is enough.

NOTE: Adapter that are used for vtVAX should have the following enabled on the Switch in VMware: **Promiscuous Mode**, **MAC Address Changes**, and **Forged Transmit**.

7. Disk storage needs to be 600 GB, which depends on the vtVAX storage:

- Bare Metal OS is 50 GB, and
- The rest of the space is for the vtVAX virtual disk drives and virtual tape drives to store data.

8. Bare Metal OS can be installed from an ISO image.

NOTE: The current software versions for vtServer is V4.5.0 and for vtVAX is V4.0.33. If the OS was on a physical PC server, then the OS software is the same.

9. vmWare must verify a vtLicense server for the vtVAX's USB dongle key.

NOTE: vtVAX software is a product that is licensed by a USB dongle.

Have questions about specific requirements?

Whether it's security policies, compliance requirements, or integration with existing infrastructure, we've worked through these scenarios with customers across industries.

Contact Us: info@salemautomation.com