



Version 4.2.1 Release Highlights

V4.2.1 is an updated release of the vtServer Bare Metal platform that includes updates, new features and bug fixes.

The most significant changes are:

Security Updates

- New kernel (5.10.56).

vtServer / vtMonitor

- Fixed TLS negotiation when sending alert emails.
- Add vtscan for windows to tools directory.
- Add t4disk to tools disk.
- Display port name instead of hostname in fibre channel configuration.
- Add available memory and running virtual machines to sysinfo display.
- Allow copying a supportfile on the console to a local data store.
- Fixed 'any' server for license if a fixed ip address is in use.
- Preserve dns server addresses when disabling dhcp on an interface.

vtAlpha

- Fixed reading and writing disks with a byte count that is not a multiple of 512 bytes.
- Fixed reading and writing outside of a disk.
- Don't populate memory on startup to decrease startup time.
- Fixed vtfsk reset handling and logging.
- Fixed vtfsk missed interrupt.



vtVAX

- New vtVax Emulator 4.0.16
 - vtVAXMVII 4.0.16 (233)
 - vtVAX3900 4.0.16 (233)
 - vtVAX4090 4.0.15 (233)
 - vtVAX4100 4.0.16 (233)
 - vtVAX4200 4.0.16 (233)
 - vtVAX7000 4.0.16 (286)
- Added tape compression to all tape controllers.
- XQA, XQB, XQC, XQD are now supported (QBUS network Controllers).

vtLicense

- No changes made.



Installation and Update Procedure

The vtServer software may be installed on a new host platform, or it may be updated incrementally. These options are described in more detail below.

Installation on New Host

The installation process installs a complete version of the vtServer software package on a server with no previous vtServer installation.

The vtServer installation kit is available in multiple formats: On a DVD-ROM; as an .iso format file that can be burned to a DVD or used as a virtual DVD device when installing vtServer in a virtual machine; or as a bootable USB thumb drive.

For a detailed description of the installation process, please see the *vtServer vtAlpha/vtVAX Bare Metal Reference Manual*.

Warning: the backup and restore option is changed. A restore can only be done from a backup created by the same version of vtServer. This is done to prevent a corrupted vtServer when restoring “old” backup files. When using vtServer backups we recommend creating a new backup after the installation or update to V4.2.1.

Incremental Update

The incremental update process is the preferred method for updating existing vtServer installations. A complete set of incremental updates is provided on the distribution media (DVD, .iso file or USB drive). Update files can also be retrieved from our ftp server.

To update to vtServer V4.2.1 the current version has to be V4.2.0.

For a detailed description of the update process, please see the *vtServer vtAlpha/vtVAX Bare Metal Reference Manual*.

Post-Update Instructions

After completing the installation or update of vtServer, the host system should be rebooted and the vtMonitor user interface should be reloaded.

Creating a vtServer backup after an installation or update is recommended.