

# BackBox<sup>®</sup> E5.00

## QoreStore Update Procedure for BackBox

Abstract

This QoreStore Update Procedure for BackBox document is for BackBox<sup>®</sup> E5.00

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# Table of Contents

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UPDATE QORESTOR AND OS ..... 4

# UPDATE QORESTOR AND OS

Use this procedure to update QoreStor for BackBox to the latest QoreStor version ( 7.4.0.222).

	The update is automatically done for both QoreStor and OS.
	If the QoreStor server is joined to an active directory, the QoreStor Server will need to leave the Active Directory prior to the OS upgrade. Once upgrade done, the QoreStor server can rejoin the AD. This will need to be done using an account with AD Administrator privilege.
	Temporarily stop the replication either on the source and the target QoreStor servers during the system upgrade.

	Replication will not restart until the replication source and replication target QoreStor servers are of the same version.
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## Update QoreStor Version Path



	BackBox version 4.13 is a prerequisite for BBOX-QS-7.4.0-OL8-SP1 upgrade. From BackBox 4.13 or BackBox 5.00, you can execute any of the above upgrades.
	For each BBOX-QS-7.1.0-OL7, BBOX-QS-7.1.2-OL7 or BBOX-QS-7.1.3-OL8 required for update to BBOX-QS-7.4.0-OL8-SP1, make sure to follow the procedure described in UpdateQSReadmeFirst related to the BBOX-QS installation. Make sure to update the OS when indicated.
	BBOX-QS-7.1.3-OL8 must be applied if the installed QoreStor is at an earlier version than 7.1.3 and Oracle Linux 8.7.
	When updating BBOX-QS-7.1.3-OL8, you must keep the QoreStor to version 7.1.3 until the migration to OL-8 is completed. Upgrading to another version of QoreStor while at OL 7.x level will break the migration path to OL-8 and a special version will be required. Call ETI-NET support, if the case.

You can upgrade from BBOX-QS-7.1.3-OL8 directly to BBOX-QS-7.4.0-OL8-SP. In this case, the OS will be upgrading first to have the right kernel level and then the upgrade will need to be re-run to get the version 7.4.0 installed. You will need to run twice the update.

## QoreStor ISO Update to 7.4.0.222-SP1 and OL 8.9

Package	contains
UPDQS740222-SP1.iso	(QoreStor and OS Updater ISO)

## Upload the ISO File



To check the current versions of both embedded QoreStor and/or current version of the OS, open the VTC Management Console and click on the System tab under the QoreStor node.

The System tab displays both QoreStor and OS current versions. The tab allows automatic updates of the embedded QoreStor and/or OS for Oracle Linux Server.

Before proceeding with the automated update, locate the ISO file necessary for the procedure. The ISO file is delivered with the BackBox version package and contains the update scripts for both QoreStor and OS.

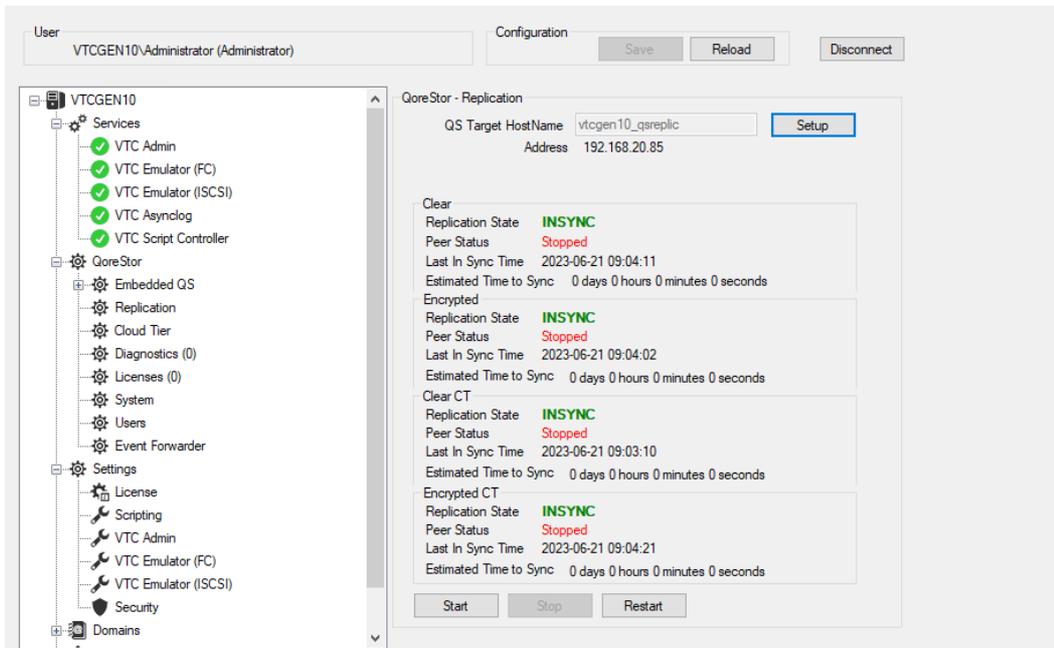
## UPDATE QORESTOR AND OS



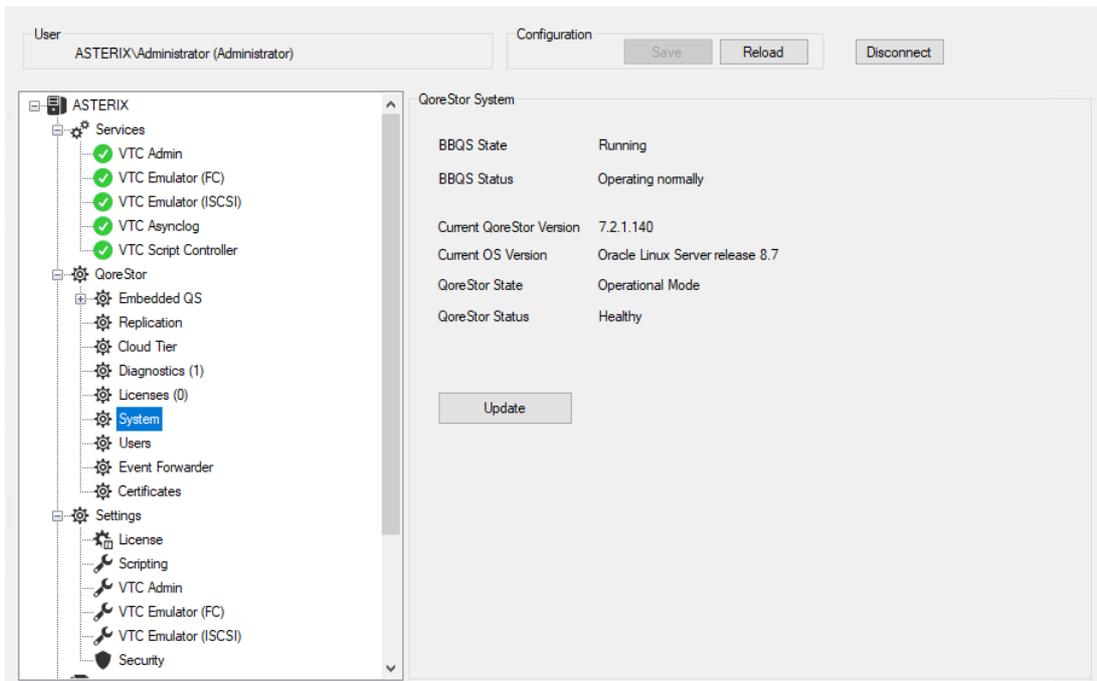
Step 1 and 2 are required if only more than one BackBox is configured in the Domain and if the NonStop system needs to have tape operations enabled while performing the upgrade.

1. Open BackBox UI and go to VT Controller tab.
2. Switch to Edit Mode and disable VTC (in the example below, OBELIX). Save the VT Controller configuration.

VT Controller ID	Status	Physical Location	TCP/IP Address	Comment		
GEN8SRV04	Enabled		192.168.21.42		Advanced	Delete
BBOX2019-3	Disabled		192.168.20.42		Advanced	Delete

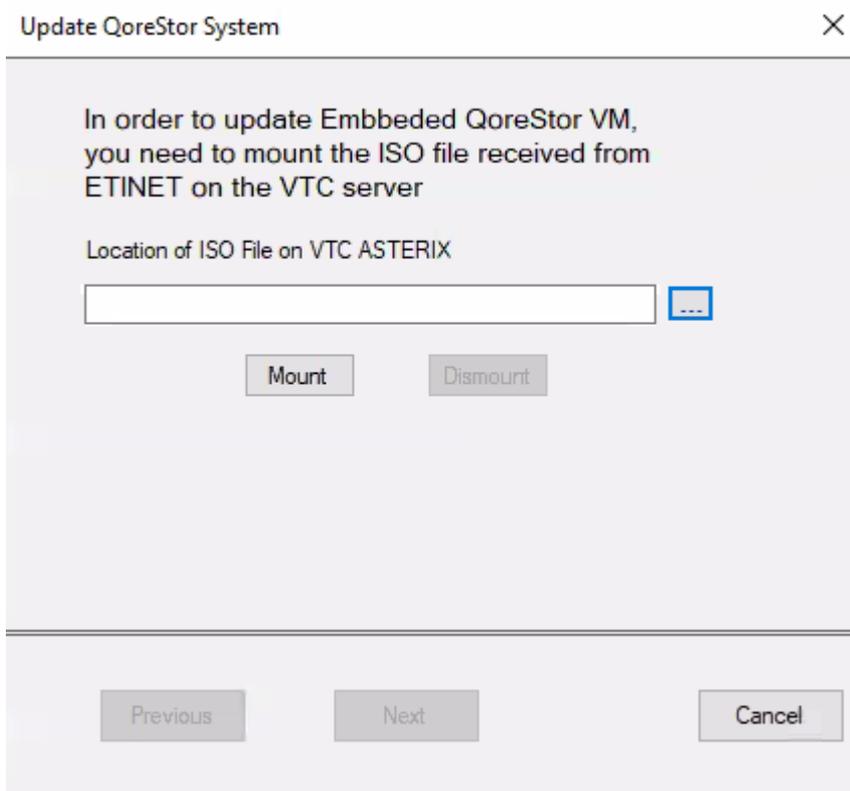


9. Return to the System tab in the VTC Management Console and click Update.

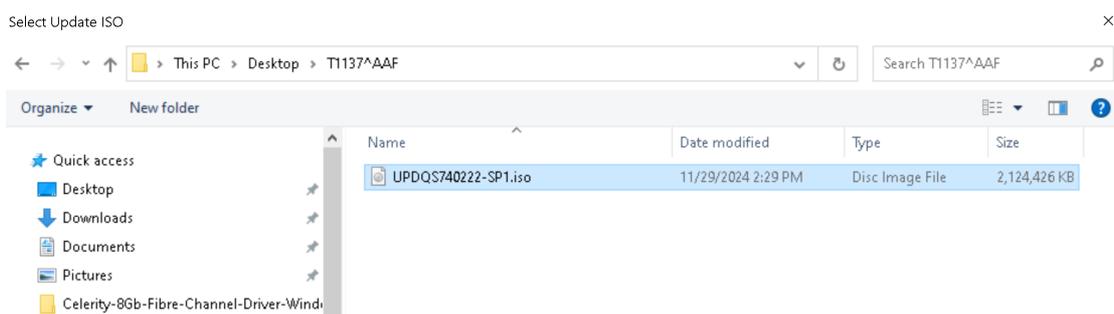


 The update can be done only from Oracle Linux Server release 8.x. If you are at versions 7.x, consult the above Update path section. BBOX-QS-7.1.3-OL8) is mandatory.

10. In the dialog window, click on ISO File location browse button to find the ISO file that has been mounted.



11. Select the ISO file (UPDQS740222-SP1.iso) and Open it.



12. Once the ISO file is opened in the VTC MC, click Mount.

13. Once the file is mounted, click Next.

In order to update Embbeded QoreStor VM,  
you need to mount the ISO file received from  
ETINET on the VTC server

Location of ISO File on VTC OBELIX

C:\Users\Administrator\Desktop\T1137^AAF\UPDQS740; ...

Mount Dismount

Previous Next Cancel

14. In the dialog click Complete to start the update process that will be running in the background.

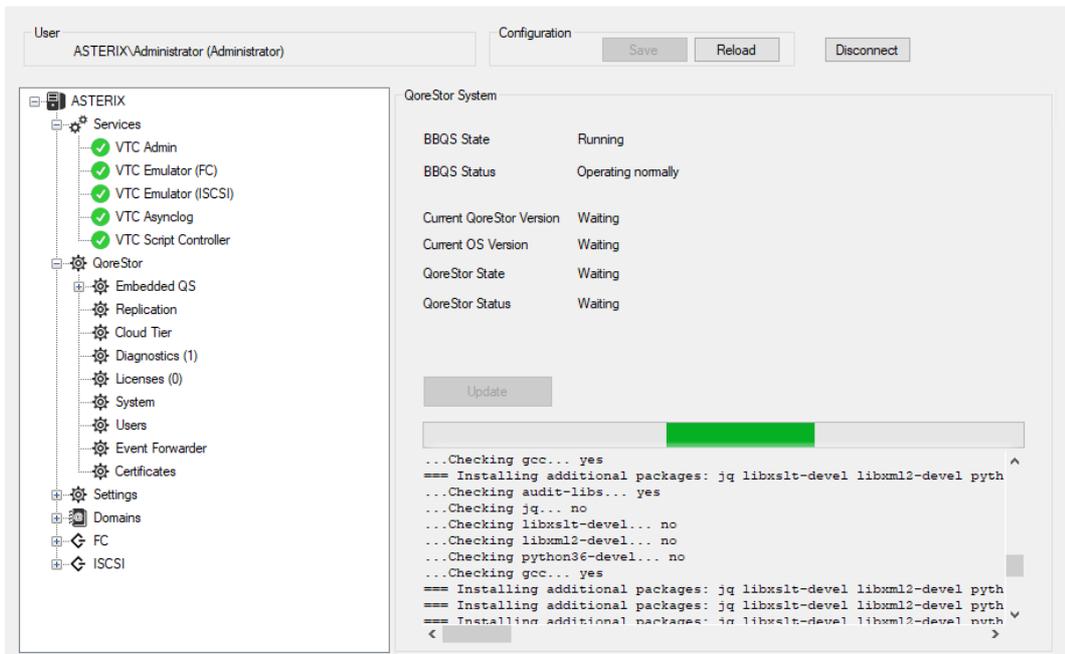
Update QoreStor System ✕

 Update process will be started after you click  
"Complete" button. Please be advised that  
you cannot interrupt the updating process  
after it start

Previous Complete Cancel

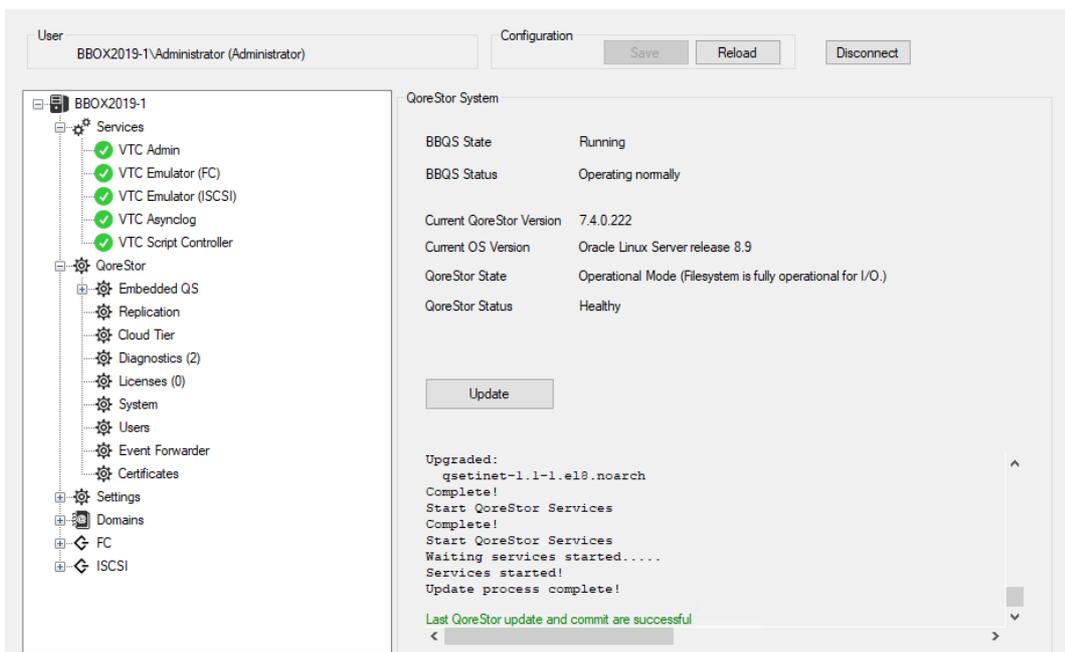


A warning message will inform you that the update process will start after you click Complete. Once the updating process is started, it cannot be interrupted.



The progress bar will show the status of the update during the process.

**Before the update starts, a checkpoint is created in the Hyper-V. It will be used, if needed, to easily rollback , in case of error.**



Once the QoreStor update is completed, QoreStor server will automatically restart.

**The updating process might take several minutes. Don't interrupt the process while updating.**

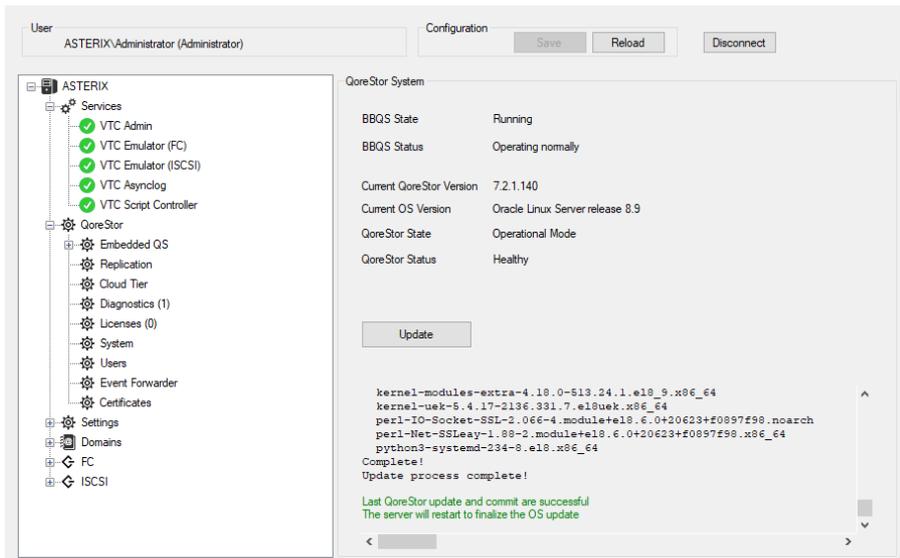
**If the update fails, an error message will be displayed and the version will be rolled back. For details on update error(s), verify the QSUUpdate Log.**

15. Once the QoreStor update is successfully completed (see the green message at the bottom on the updating window).

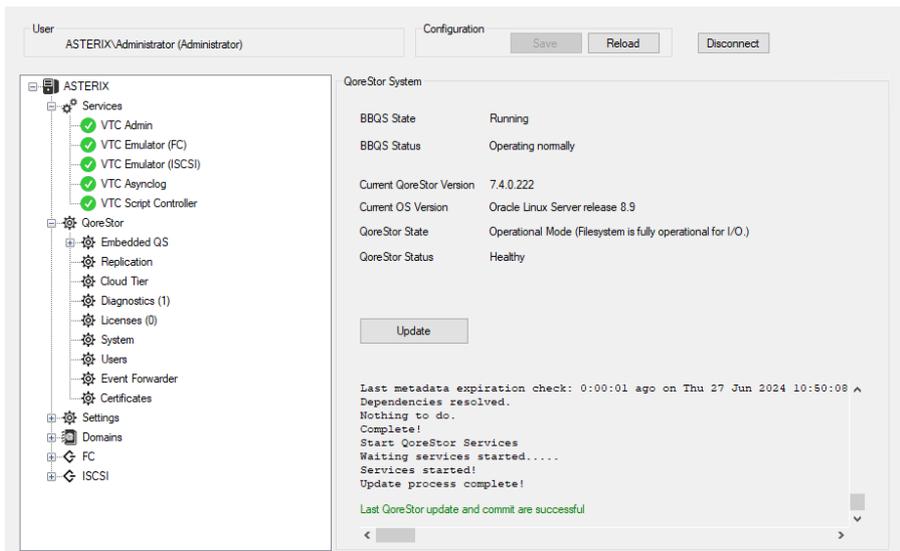
The displayed Current QoreStor Version is now 7.4.0.222.



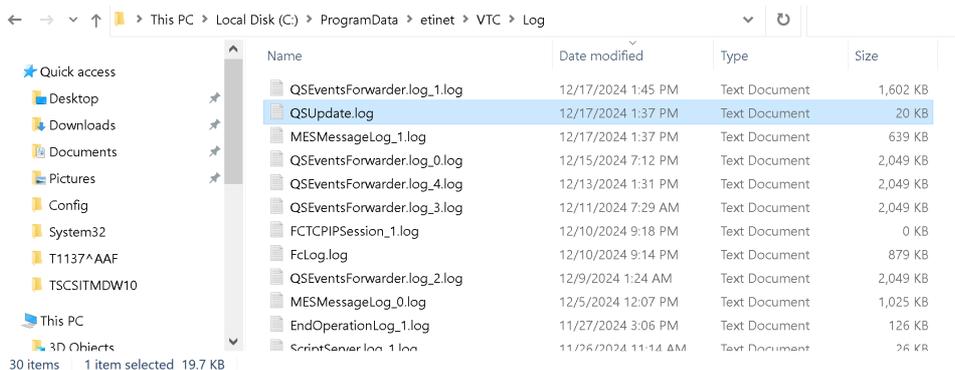
If the OS was not at OL-8.8, the update will complete successfully but the QoreStor version will remain at the previous version but OS will be at OL-8.9 version. This is a normal behavior because the QS version 7.4.0 required kernel version only deploy on OL-8.8 and up. In this case, simply start a second time the Update process and reload the ISO to update the QoreStor.



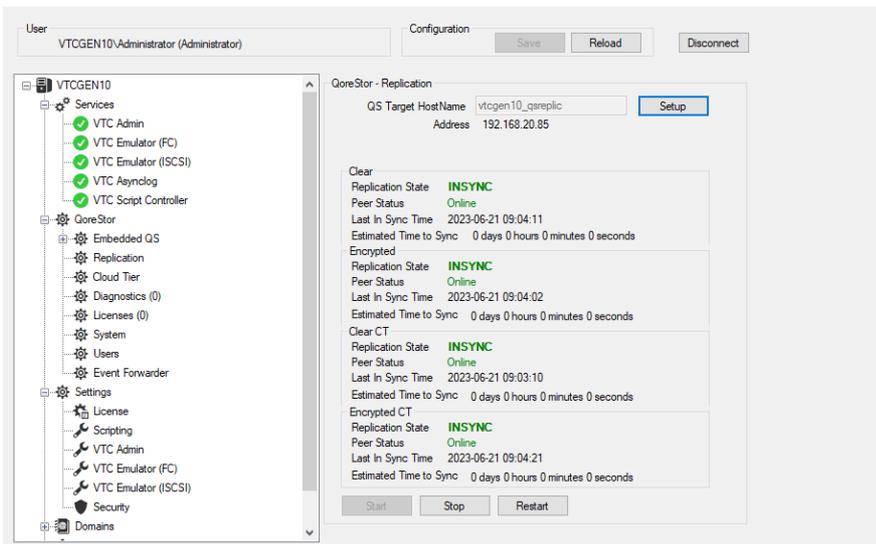
At the end of the updating process, the System tab will display the QoreStor version updated to.



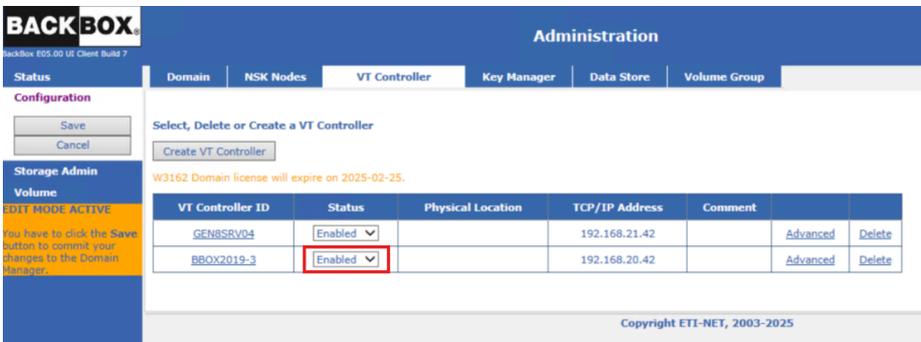
Verify the update log, located in the VTC Log folder, for more details.



16. Restart the replication if it has been stopped.



17. Go to BackBox UI and enable the VTC1 ( (in the example below, OBELIX). Save the VT Controller configuration change.



18. Test Backup Process with QoreStor 7.4.0

If the backup is already occurring in the NonStop, go to BackBox UI to check the status of the backup.