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KB0012228

How to Update CANoe Software on a RT Device (VN8900, VT6000, CANoe RT RT Rack / IPC)



English (Original) last updated: 2023-04-12 (created: 2020-10-16) • 5836 Views

Update procedure

- For CANoe ≥ 15 SP3
- For CANoe ≥ 12.0 and ≤ 15 SP2
- For CANoe ≥ 9.0 and ≤ 11.0
- For CANoe ≤ 8.5

Please note that the network ports required for the update must not be blocked by a firewall or virus scanner. Further information can be found in the CANoe Online Help under **CANoe | CANoe RT | Overview | TCP/UDP Ports used by CANoe | Ports at RT Server Side**.

For CANoe ≥ 15 SP3:  
**CANoe | Home | Vector Tool Platform | CANoe/CANalyzer | Execution environment | Update execution environment | Update...**

The screenshot shows the CANoe/CANalyzer software interface. The top menu bar includes File, Home, Analysis, Simulation, Test, Diagnostics & XCP, Environment, Hardware, Tools, and Layout. The left sidebar contains the Vector Tool Platform, CANoe/CANalyzer, and vFlash. The main window displays the CANoe/CANalyzer - Execution environment settings. The 'Update RT kernel' section is highlighted, showing the current version of the RT kernel on the selected device and options to update it. The 'Pack RT kernel' section shows a table of installed RT kernels. The 'Network ports of RT kernel' section shows the basic communication (TCP) port set to 2809. The 'Hardware synchronization' section is also visible.

**Vector Tool Platform**

**CANoe/CANalyzer**

- Distributed mode
- Standalone mode
- Remote files
- Notifications
- Execution environment**
- vFlash

**CANoe/CANalyzer - Execution environment**

Update the CANoe/CANalyzer execution environment (RT kernel) on the selected device and con

**Update RT kernel**

Current version of CANoe/CANalyzer RT kernel on the selected device:

Update the RT kernel on the selected device to the current CANoe/CANalyzer version:

Update the RT kernel on the selected device using an archive file:

**Pack RT kernel**

Pack a CANoe/CANalyzer RT kernel as an archive file based on an installation on the local comp

Name	Version	Path
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANalyzer	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANalyzer.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe
CANoe	12.0.0	C:\Program Files (x86)\Vector\CANoe\12.0.0\CANoe.exe

**Network ports of RT kernel**

Basic communication (TCP): 2809

**Hardware synchronization**

Connected: VN8911 (SN: [redacted], IP: [redacted])

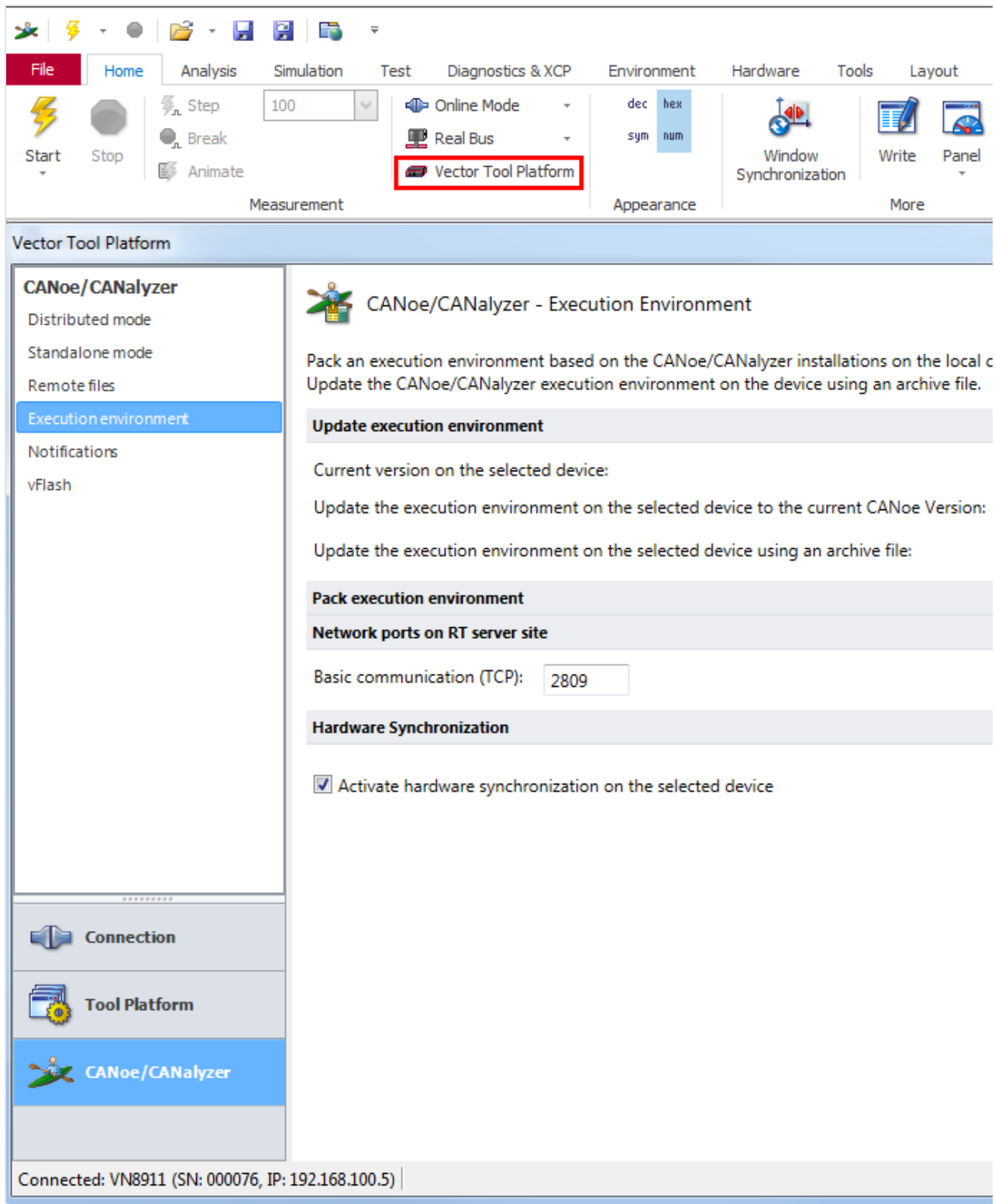
RT [redacted] [redacted]

You can choose between the variants 32-bit only, 64-bit only or 32-bit and 64-bit on supported VTP devices.

**Note:** VN8912, VN8912A do only support 32-bit

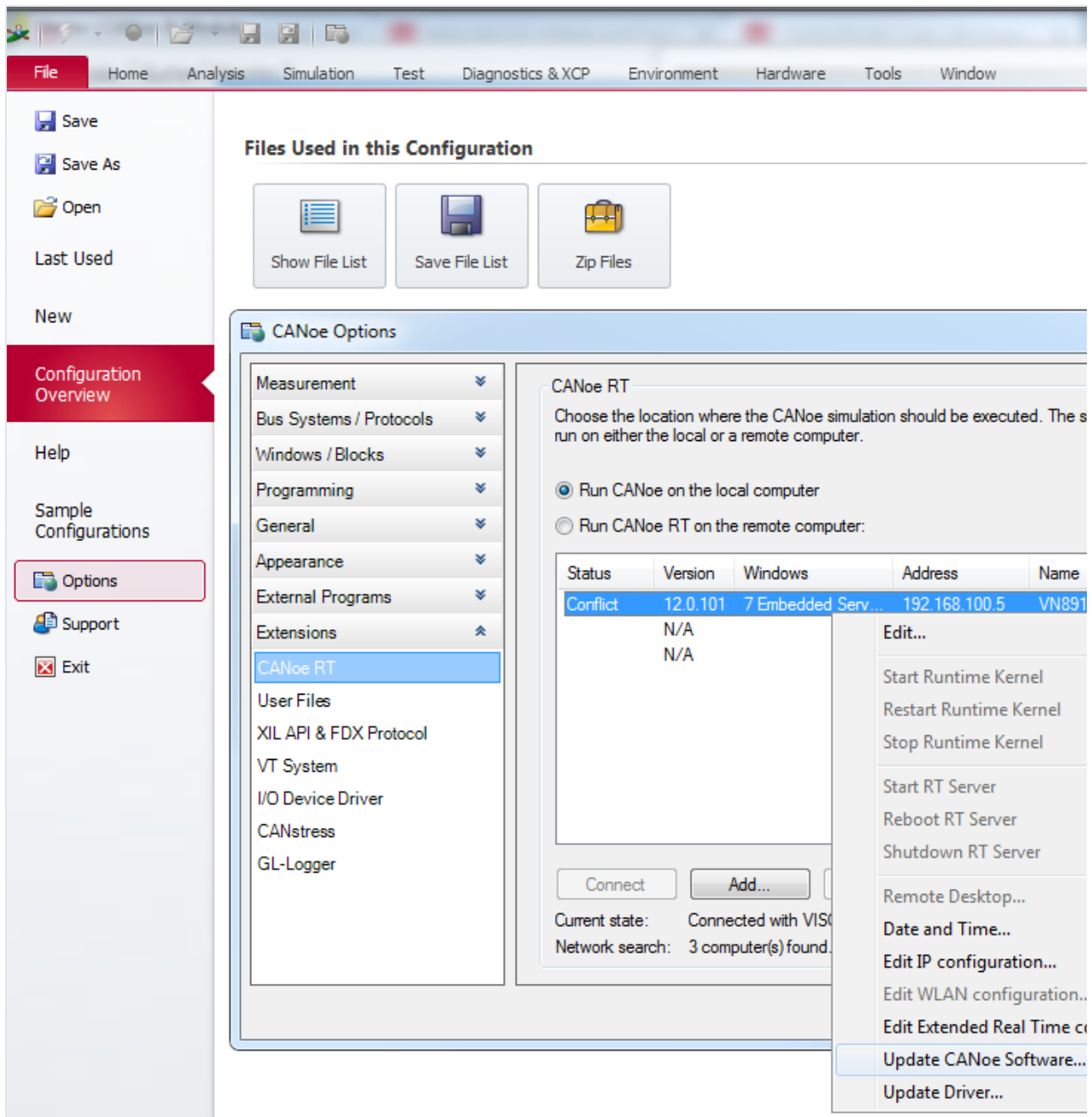
For CANoe  $\geq 12.0$  and  $\leq 15$  SP2:

CANoe | Home | Vector Tool Platform | CANoe/CANalyzer | Execution Environment | Update execution environment | Update...

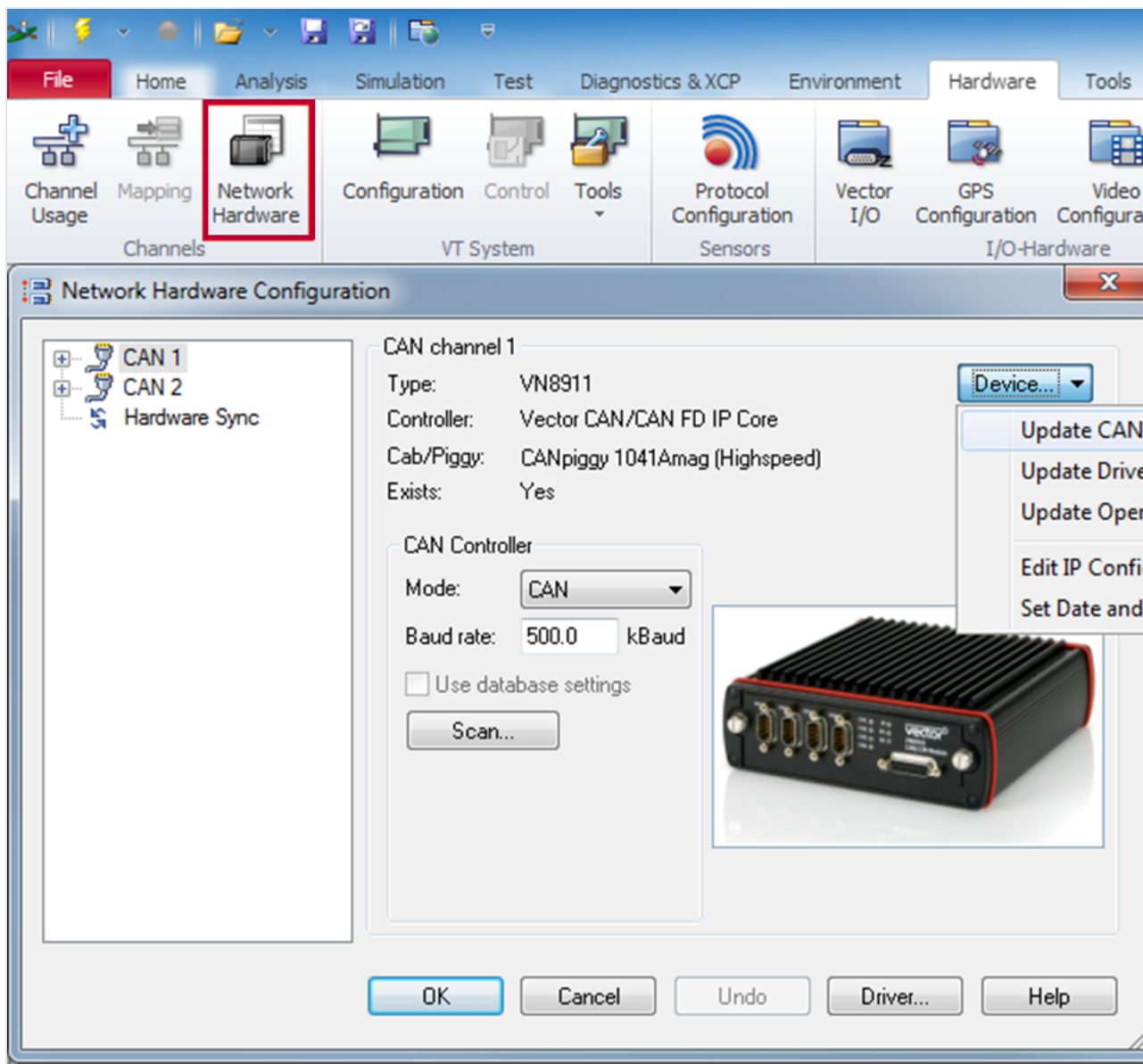


For CANoe  $\geq 9.0$  and  $\leq 11.0$ :

CANoe | File | Options | Extensions | CANoe RT | right click on Device | Update CANoe Software... (for VN8900 only if it is connected via IP)



For VN8900 if it is connected via USB: **CANoe | Hardware | Network Hardware | Network Hardware Config | Device | Update CANoe Software**



For CANoe ≤ 8.5:

Via **CANoe | Configuration | Options... | Extensions | CANoe RT | Right Click on Device | Update CANoe Software...** (for VN8900 only if it is connected via IP).

For VN8900 if it is connected via USB: **CANoe | Configuration | Network Hardware | Network Hardware Config | Device | Update CANoe Software...**

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