

Vector Support

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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) • 5837 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...

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	16.0.0	C:_CANoe\CANoe 16.0.0\...
CANalyzer	16.0.0	C:_CANoe\CANalyzer 16.0.0\...
CANoe	16.0.0	C:_CANoe\CANoe 16.0.0\...
CANoe	16.0.0	C:_CANoe\CANoe 16.0.0\...
CANoe	16.0.0	C:\Program Files\Vector\CANoe 16.0.0\...
CANoe	16.0.0	C:_CANoe\CANoe 16.0.0\...
CANalyzer	16.0.0	C:_CANoe\CANalyzer 16.0.0\...
CANoe	16.0.0	C:_CANoe\CANoe 16.0.0\...
CANoe	16.0.0	C:_CANoe\CANoe 16.0.0\...

Network ports of RT kernel

Basic communication (TCP): 2809

Hardware synchronization

Connected: VN8911 (SN: ... IP: ...)

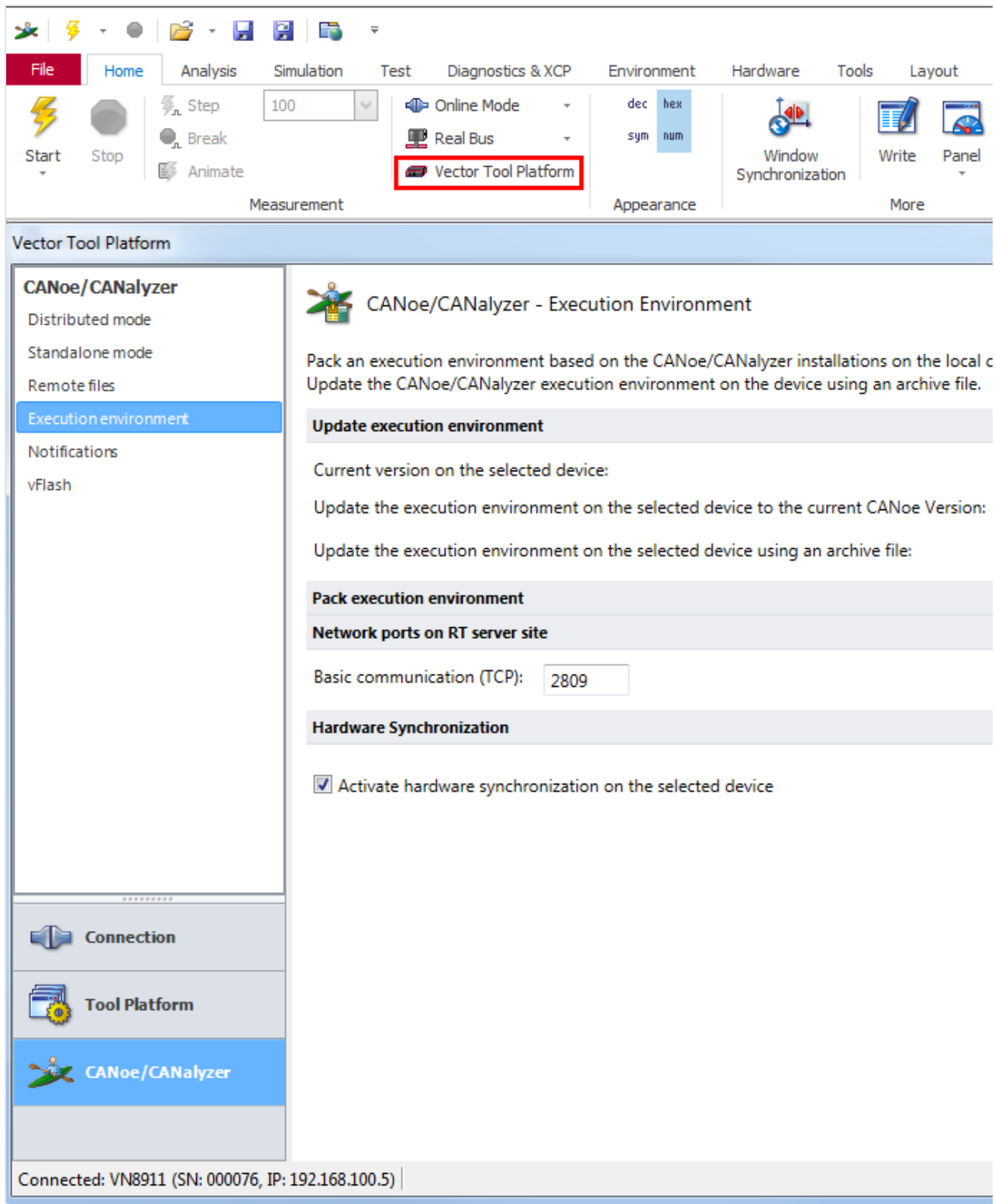
RT

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

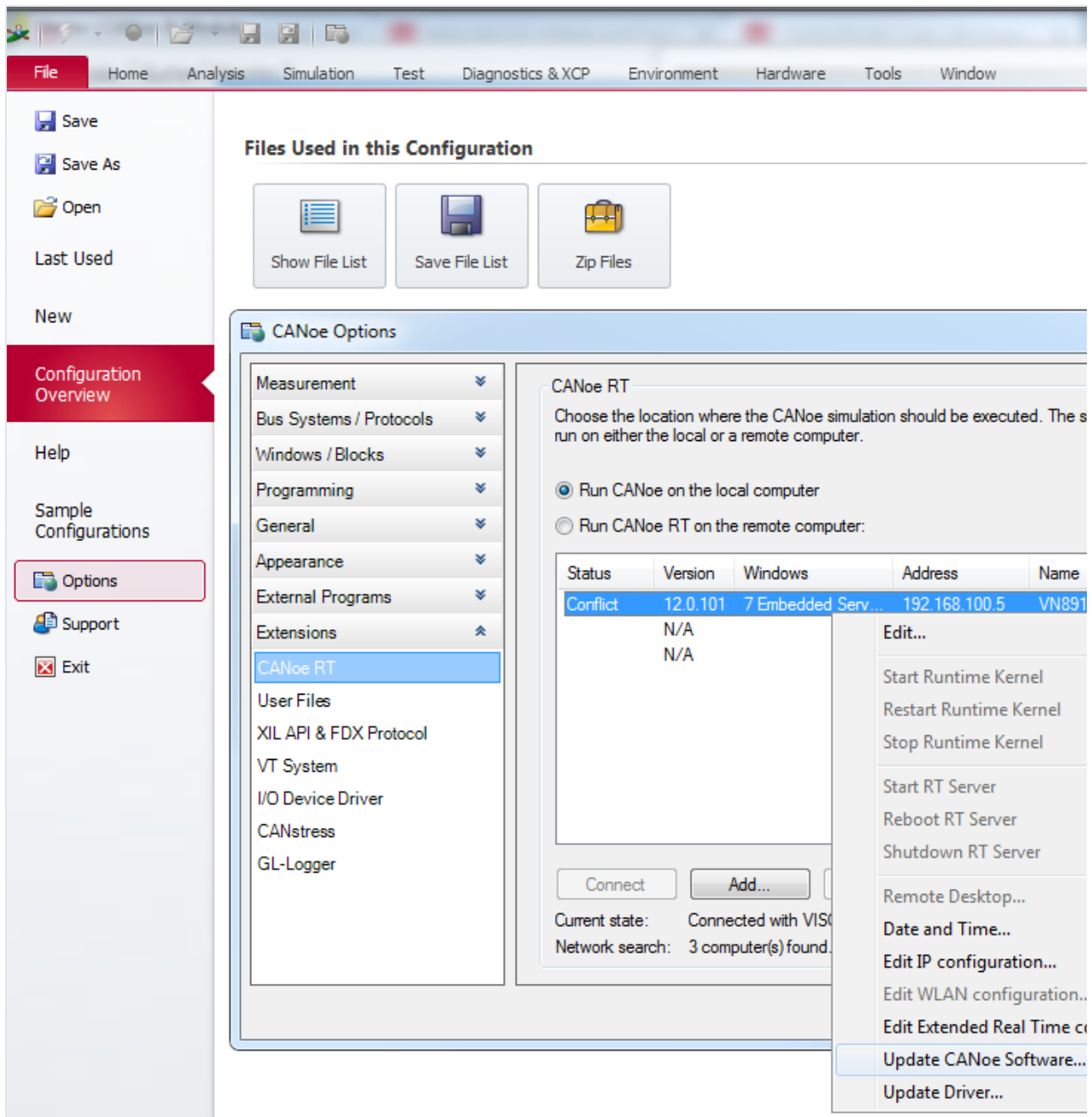
For CANoe ≥ 12.0 and ≤ 15 SP2:

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

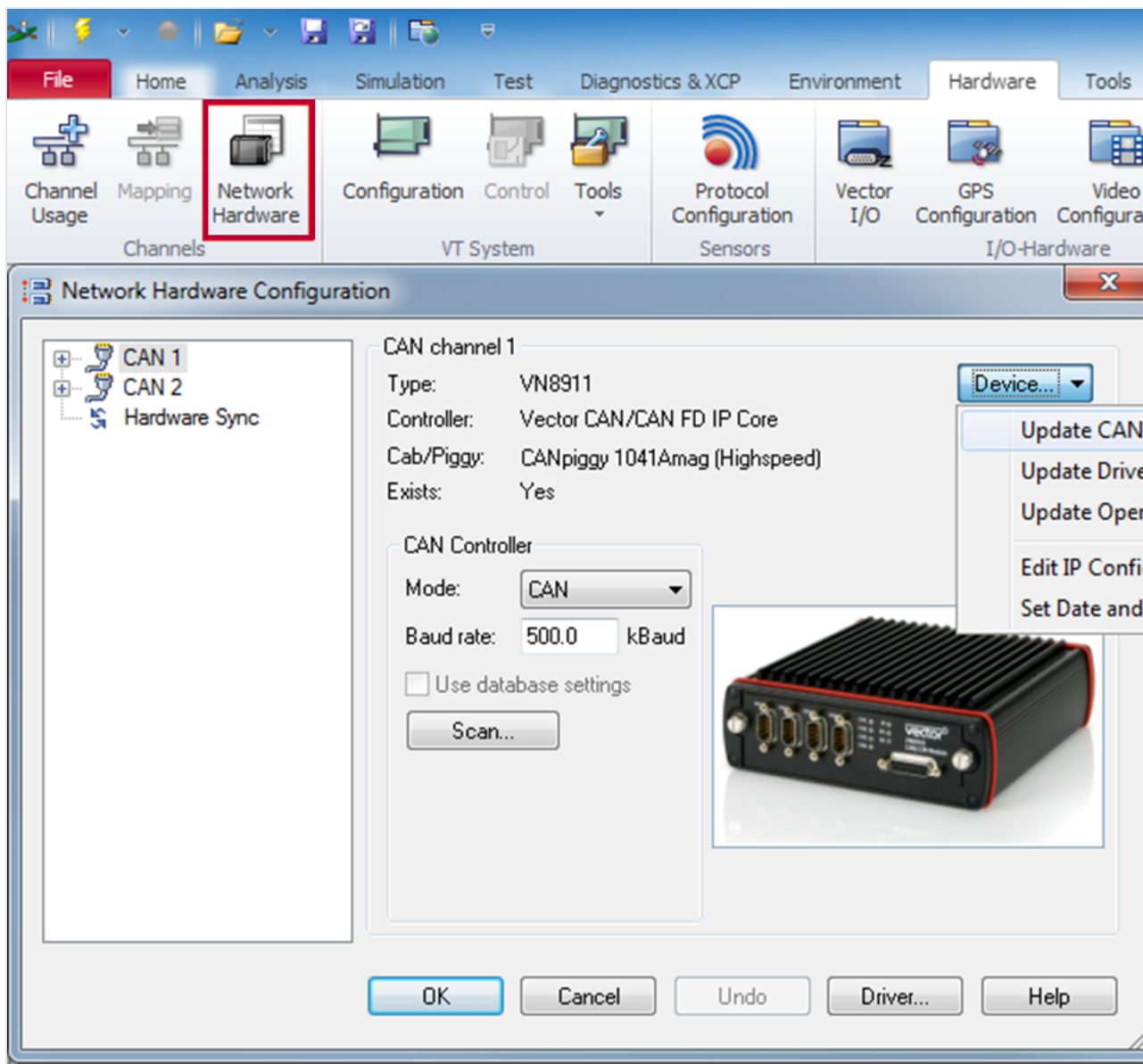


For CANoe ≥ 9.0 and ≤ 11.0 :

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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