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KB0012228

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



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## 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\CANalyzer 16.0.0\...         |
| CANalyzer | 16.0.0  | C:\_CANoe\CANalyzer 16.0.0\...         |
| CANoe     | 16.0.0  | C:\_CANoe\CANalyzer 16.0.0\...         |
| CANoe     | 16.0.0  | C:\_CANoe\CANalyzer 16.0.0\...         |
| CANoe     | 16.0.0  | C:\Program Files\Vector\CANoe 16.0\... |
| CANoe     | 16.0.0  | C:\_CANoe\CANalyzer 16.0\...           |
| CANalyzer | 16.0.0  | C:\_CANoe\CANalyzer 16.0\...           |
| CANoe     | 16.0.0  | C:\_CANoe\CANalyzer 16.0.0\...         |
| CANoe     | 16.0.0  | C:\_CANoe\CANalyzer 16.0.0\...         |

**Network ports of RT kernel**

Basic communication (TCP):

**Hardware synchronization**

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

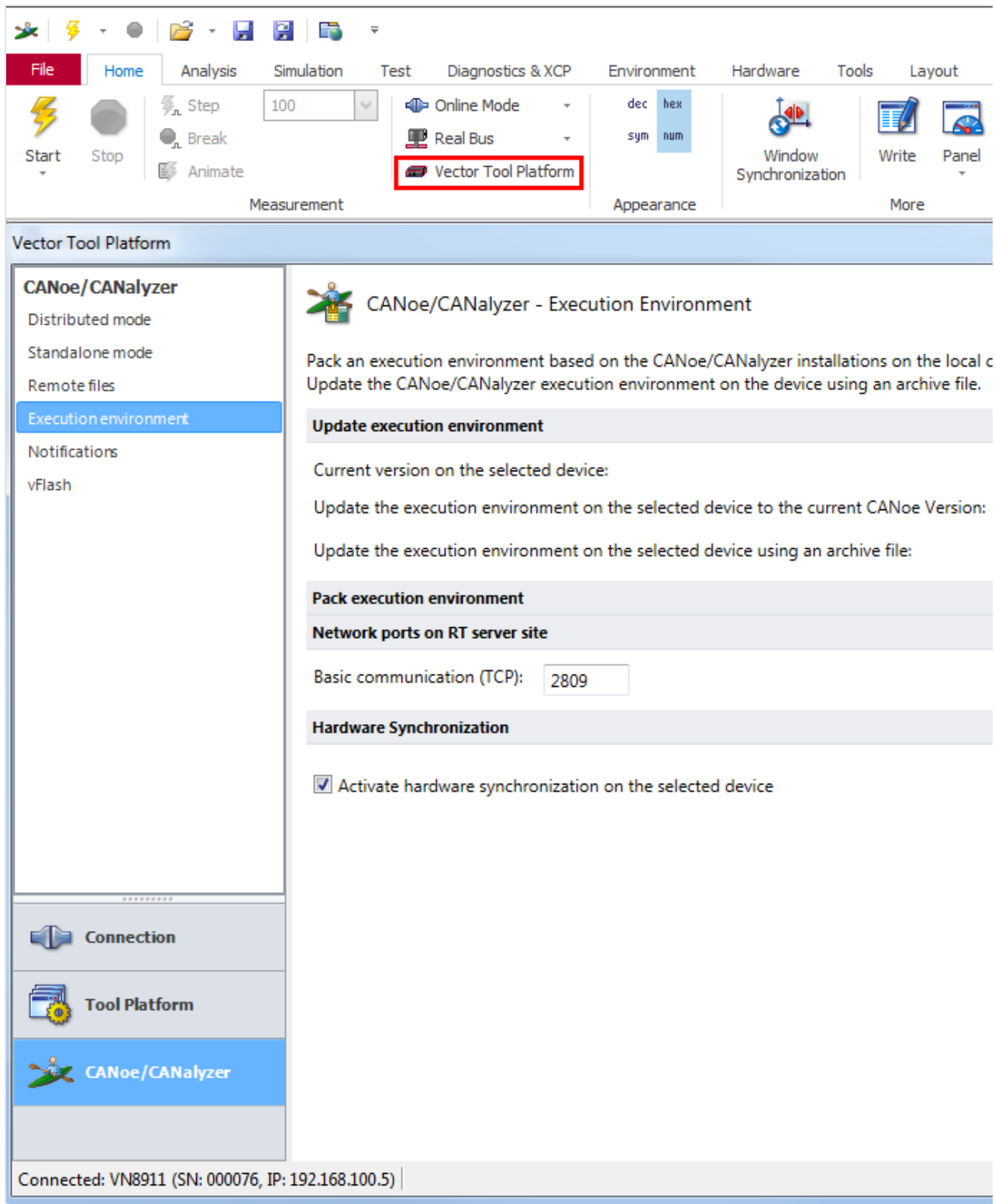
RT

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

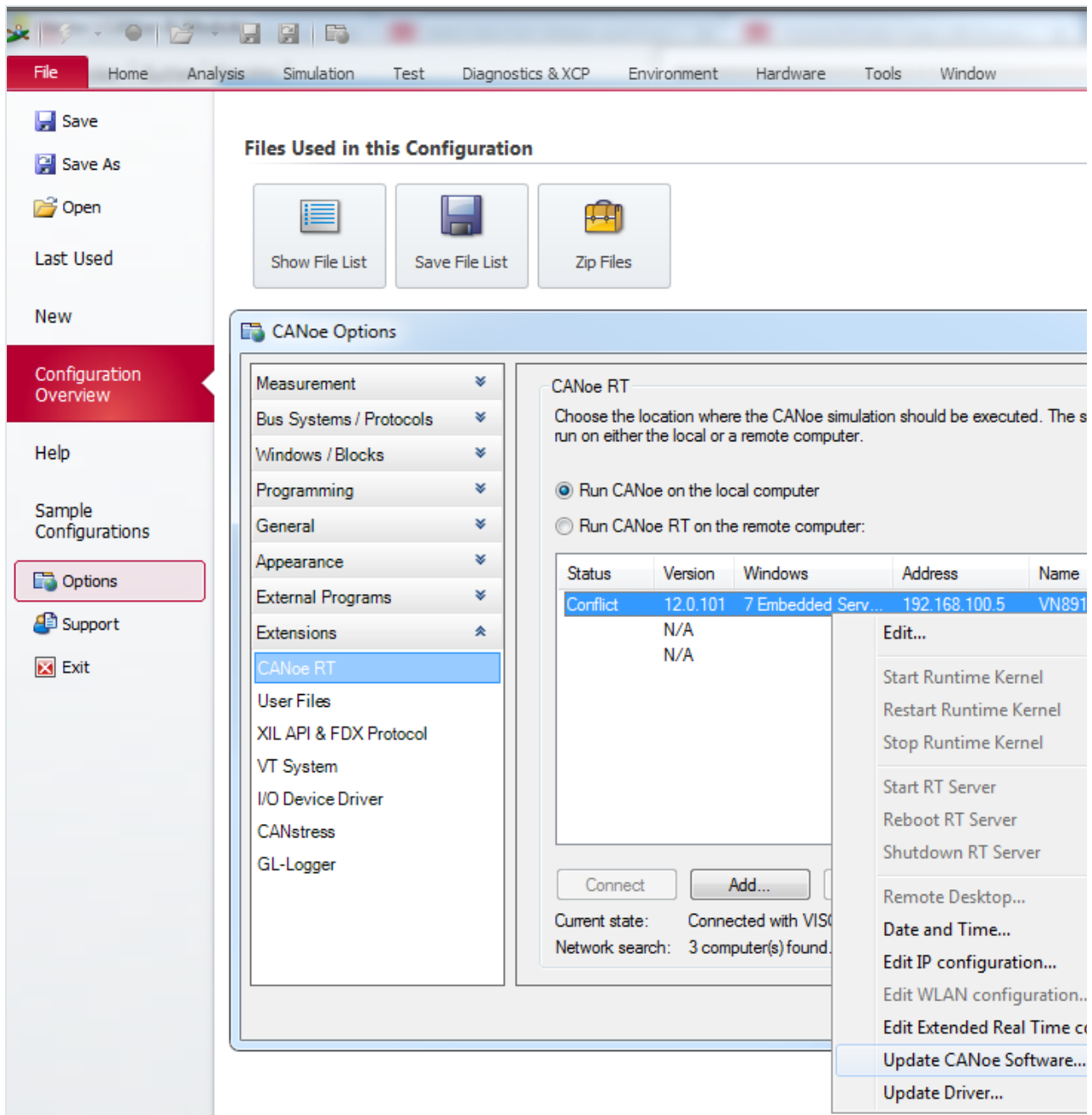
For CANoe  $\geq 12.0$  and  $\leq 15$  SP2:

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

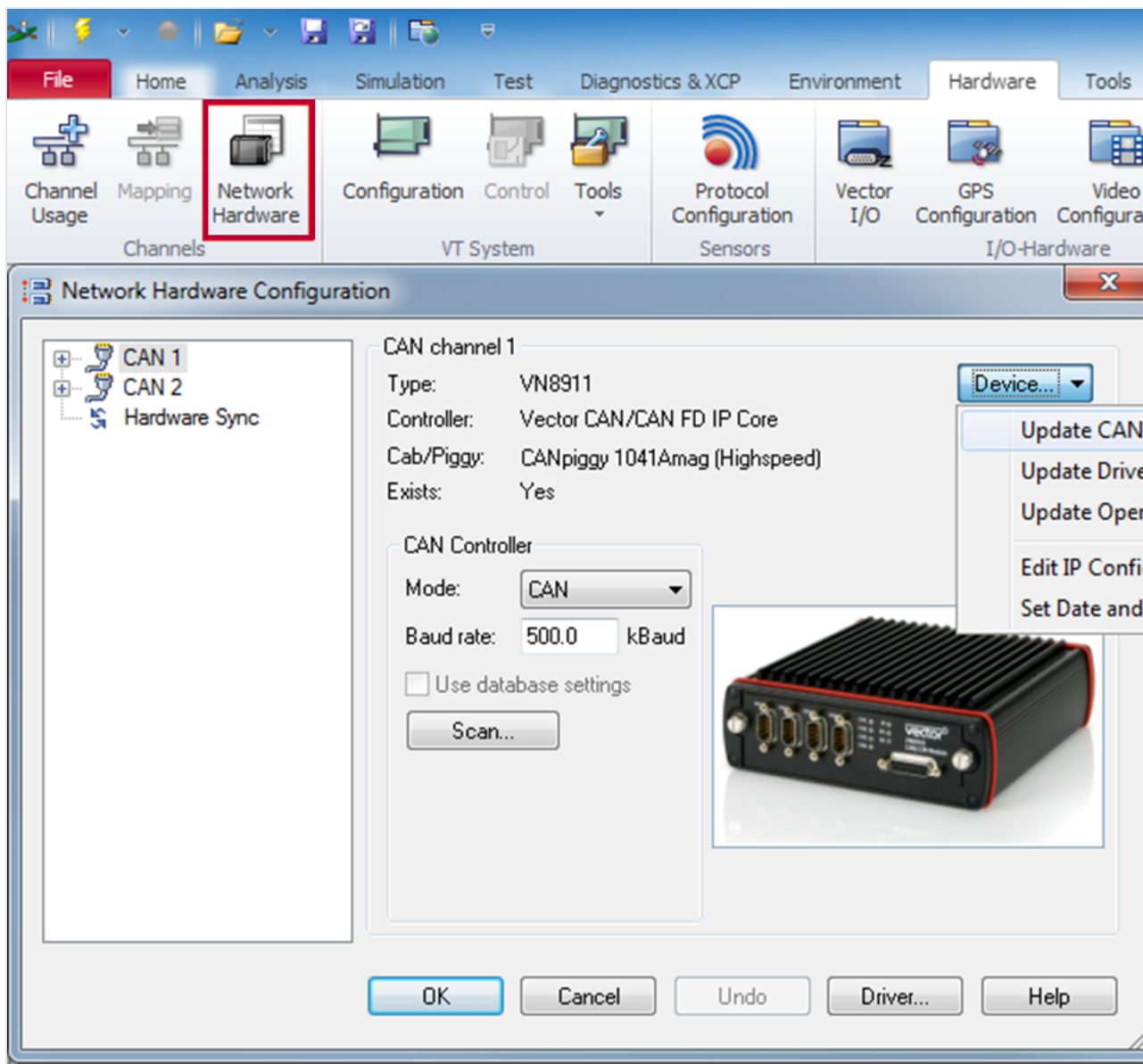


For CANoe  $\geq 9.0$  and  $\leq 11.0$ :

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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