

Introduction to CANoe/CANalyzer.Ethernet

Agenda VectorAcademy

Duration:	1 Day
Target Group:	Users of CANoe/CANalyzer.Ethernet
Prerequisites:	Knowledge about Ethernet and IP basics, participation in a CANoe/CANalyzer basic course (CAN, LIN, FlexRay, J1939, ISO11783) or comparable knowledge.
Goal:	Knowledge about initiation of an Ethernet network as well as about measuring and analyzing features in CANoe/CANalyzer. Knowledge about modeling and simulation in CANoe as well as about CAPL for Ethernet, IP and TCP/UDP.

1 | Introduction to CANoe/CANalyzer.Ethernet 0.5 h

- > Characteristics of CANoe/CANalyzer.Ethernet
- > Available hardware for Ethernet and IP
- > Licensing and registration

2 | Initiation of an Ethernet network 1.5 h

- > Creating a configuration in CANoe/CANalyzer
- > Configuration of used hardware
- > Configuration of Vector NetIsolator

3 | Measuring and analyzing in CANoe/CANalyzer.Ethernet 2.0 h

- > Measuring and analyzing windows for Ethernet and IP networks
- > Interpretation of use-oriented protocol information
- > Tips and tricks for logging and offline analysis
- > Sending of Ethernet frames, IP packets and TCP/UDP packets

4 | Modeling and simulation in CANoe.Ethernet 3.0 h

- > Configuration of network nodes for Ethernet and IP simulations
- > Available Interaction Layer for CANoe
- > CAPL for Ethernet, IP and TCP/UDP