

► Pour Commencer

► Week 0: Introduction to Network and Service Management

► Week 1: Key Concepts with SNMP

► Week 2: Monitoring with Nagios

► Week 3: Instrumentation with JMX

▼ Week 4: Next-Generation Management

PART A (W4_PE1A): STARTUP (2/2 points)

Binaries of the tools are installed in /usr/local/bin on the virtual machine.

Au préalable, assurez-vous d'avoir bien arrêté le service Nagios, avec la commande : **sudo systemctl stop nagios**

1.1 Start the NETCONF server with the command : **sudo /usr/local/bin/netopeer-server -d**

Note: -d option starts the server as a service (daemon)

IMPORTANT: Because the NETCONF server reinstalls a former configuration, the DNS name servers are not properly set. Please apply the following commands to automatically retrieve a proper network information : sudo dhclient -r; sudo dhclient;

1.2 Start the NETCONF client with the command : **/usr/local/bin/netopeer-cli**

This opens a command line interface in the terminal.

1.3 Type **help** in order to see what commands are possible from the client or use **command -h** to know the option of a specific **command**.



lorraine Supervision

Rechercher un cours



Julien Noël ▼

Overview of the Content

Lecture 1:
NETCONF 1/2 -
Overview and
YANG

Lesson_Quiz



Lecture 2:
NETCONF 2/2 -
Datastores and
Operations

Lesson_Quiz



In the rest of the exercises, except when mentionned, all commands are to be tested in the client interface.

1.4 Connect to the server with the login command using **connect** with root as username, by typing : **connect localhost --login root**

Question W4.PE1A.1: Why the password is the same as the system one?

NETCONF relies on SSH to connect to



1.5 Type the command **status**.

Lecture 3: Flow Monitoring with IPFIX/NetFlow

[Lesson_Quiz](#)

Lecture 4: Software-Defined Networking

[Lesson_Quiz](#)

Practical Exercise 1: NETCONF

[Practical_Exercise_Quiz](#)

Practical Exercise 2: OpenFlow

[Practical_Exercise_Quiz](#)

Evaluations

[Week_Evaluation](#)

Echéance le avril 10, 2022 at 22:00 UTC



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Question W4.PE1A.2: is the commit operation allowed by this server? (NA=1)

☒ yes ✓

☐ no

1.6 The NETCONF client uses vi by default to write RPC commands. You can set another one (nano, xcoral) using the command **editor my_preferred_editor**.

Vous avez utilisé 2 essais sur 3

En cliquant sur « J'accepte », vous activez un cookie uniquement destiné à la mesure d'audience.

J'accepte

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