

► 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

Overview of the Content


Lecture 1: Key Concepts and Architecture

Lesson\_Quiz 

Lecture 2: Basic Instrumentation

Lesson\_Quiz 

**Lecture 3: Support Services**

Lesson\_Quiz 

Practical Exercise 1: JMX and JConsole

Practical\_Exercise\_Quiz 

## QUIZZ W3\_L3 (10/10 points)

### Question W3.L3.1

JMX offers the following built-in services: (NA=3)

☐ accounting

☒ monitoring

☒ MBean coupling

☐ load balancing

☒ remote Mbean loading



### Question W3.L3.2

Notification management uses the same Model/View/Controller pattern as in Graphical User Interfaces building: (NA=1)

☐ true

☒ false



### Question W3.L3.3

To receive Notifications, an object must: (NA=2)

☐ be an MBean

☒ subscribe to the emitter

## Practical Exercise

### 2: Standard MBean

Practical\_Exercise\_Quiz

## Practical Exercise

### 3: Dynamic MBean

Practical\_Exercise\_Quiz

## Practical Exercise

### 4: Adding a Notification

Practical\_Exercise\_Quiz

## Evaluations

Week\_Evaluation

Echéance le avril 10, 2022 at 22:00 UTC

Aidez-nous à améliorer ce MOOC

- ▶ Week 4: Next-Generation Management Protocols

- ▶ Votre avis



lorraine Supervision

Rechercher un cours



Julien Noël

☒ implement a notification processing interface

☐ have a valid Mbean Name



### Question W3.L3.4

The Timer Service can: (NA=2)

☒ generate user specific notifications

☐ call user defined methods

☒ manage the life-cycle of timers

☐ trigger changes in MBeanAttributes



### Question W3.L3.5

The Gauge Monitor Service: (NA=1)

☐ always considers 0 as the initial observed value

☐ has a fixed offset

☒ issues two notification types

### Question W3.L3.6

String monitoring issues a notification (NA=1)

☒ when the monitored string is identical to the reference one ✓

☐ when the reference string is a substring of the monitored one

☐ when the monitored string is a substring of the monitored one

☐ supports the definition of String patterns

#### Question W3.L3.7

The relations service: (NA=1)

☐ automatically establishes relations among Mbean instances

☒ monitors relations cardinality consistency ✓

☐ enforces attributes values of MBeans involved in relations

#### Question W3.L3.8

The Timer service granularity is: (NA=1)

☐ nano-seconds

☐ micro seconds

☒ milli-seconds ✓

☐ seconds

#### Question W3.L3.9

The Query service requires: (NA=1)

☒ a filter and a name pattern to select objects ✓

☐ a filter and a base instance object name

☐ an Mbean name pattern only

### Question W3.L3.10

Filters are composed of: (NA=2)

☐ patterns on names

☒ logical expressions on Mbean attribute values

☒ logical expressions on MBean metadata



*Vous avez utilisé 2 essais sur 3*

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