

# RE316 : Network administration protocols

## Shared by UV(s) :

I9RSR-C Security and network administration

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## ECTS credits :

1.50

## Evaluation :

S1: ET(1h,E,sd,sc) x1

## Number of hours :

Combined lecture and tutorial classes : 30.00

Individual work : 20.00

## Teacher(s) :

BORDÈRES Serge

GRELAUD Fabrice

## Title :

Network administration protocols

## Abstract :

In order to build an IP network with an important size, several routing protocols are needed. In this module, different routing protocols are considered, interior (e.g. RIP, OSPF) and exterior (BGP) on several examples. We consider principles and deployment.

Moreover, in this course are considered authentication protocols used in the domain of wifi technologies

## Plan :

- complex networks and associated problems
- interior routing
- RIP
- OSPF and similar protocols
- routing on Internet, autonomous systems
- BGP: base principle
- BGP: deployment and examples
- presentation and examples on wifi access restrictions

## Keyword(s) :

Route IP, RIP, OSPF, BGP, Autonomous-System.