

ROUTING ARCHITECTURES AND PROTOCOLS LAB (LPA)

Master Programme in
Computer Science and Networking

About LPA

- Teacher name: Davide Adami
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- Semester: First
- Exam mode: Oral
- Pre-requisites:
 - Networking fundamentals
 - Understanding of destination-based, hop-by-hop IP routing in a Classless Inter-Domain Routing (CIDR) environment
- Area: Networking



Course Overview

- **Goal:** Basic knowledge and key concepts to understand the functional components required to design and implement **routing in Internet Service Providers**
- **Topics:** Router configurations and monitoring basics; Routing Policy; Packet Filters; Routing protocols (OSPF, BGP); Class of Service; IPv6.
- **How:** **Traditional lectures** are coupled with **hands-on lectures** which provides students with the possibility to work with **Juniper routers and GNS3 VM**



JNAA Certification Program



JUNIPER
NETWORKS



- **JNCIA-Junos Certification:** students may obtain Juniper Certification

Lab Equipment

@UNIFI



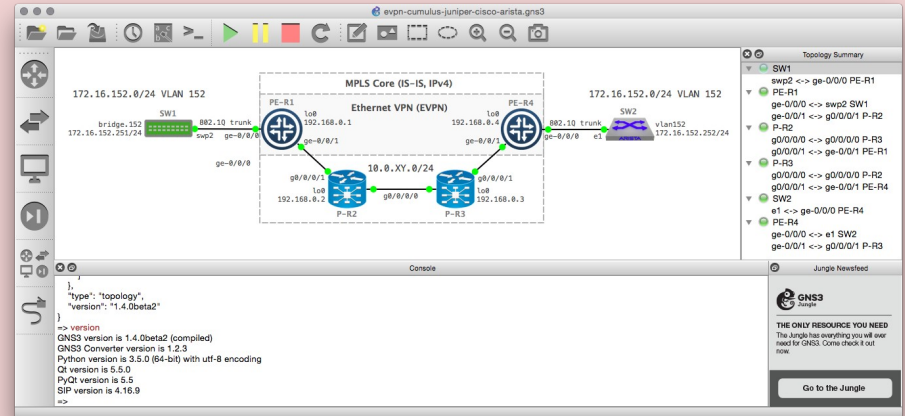
J4350 Router



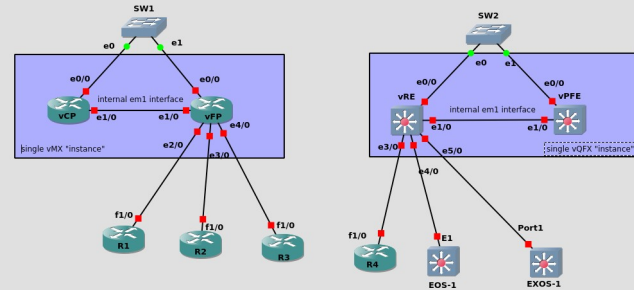
SRX-240 Router



Layer 2 switches



Juniper VM and Appliances for GNS3



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