

JNCIA Certification Program
School of Computer Science and Engineering
KLE Technological University
Vidyanagar
Hubbaalli-580031

About the Workshop

Junos OS is the FreeBSD-based operating system used in Juniper Networks hardware routers. It is an operating system that is used in Juniper's routing, switching and security devices. Juniper offers a Software Development Kit to partners and customers to allow additional customization.

Instructors

Dr. Jayalaxmi G N
Mr. Anand S Meti
Mr. Shamshuddin
Mrs. Pooja Shettar
Mr. Vishal P
Mr. Md. Moin
Mr. Sandeep K

For Further Details, Please Contact

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Objectives

By the end of workshop Students will be able to:

- To understand basics of Junos and Junos CLI
- To configure VLAN, DHCP, OSPF routing protocol on Juniper devices
- Should be able to appear for JNCIA-102 certification.
- To carry out projects on Juniper device.

Registration

Name:
Department:
SRN:
Mobile :
Email-id:.....

Topics

- Junos Fundamentals
- Operational Monitoring and Maintainance
- Routing Fundamentals
- Routing Policy
- Firewall Filters

JNCIA Certification Overview

Workshop aims to learn the fundamental concepts of networking, master all JNCIA concepts, administer a network running Juniper devices, and troubleshoot a Juniper devices network. **JNCIA-Junos** course will add value to your knowledge and will improve your confidence to pass the exam.

Training content

Part 1	Hrs
Junos operating system fundamentals: Introduction to Junos OS, Traffic processing, Overview of Junos Device	4 hours
User interface options: Junos CLI, Operational mode, Configuration mode	4 hours
Initial Configuration: Factory-Default configuration, Initial Configuration, Interface Configuration	4 hours
Secondary Configuration: Authorization Overview, Deny and Allow Overrides, System Logging, Interpreting Message Codes, Monitoring NTP, Automated Configuration Backup, SNMP Operation, Monitoring SNMP Operation	4 Hours
Operational Monitoring and Maintenance: Monitoring Tools, Monitoring System Operation, Monitoring the Chassis, Gathering Extensive Interface Information, Monitoring Traffic, Network Utilities, Determining the Junos OS Release, Unified ISSU, Password Recovery.	4 Hours
Part 2	
Routing Fundamentals: Routing Components, Routing Information Sources, Forwarding Table, Multiple Routing Tables, Preferred Routing Information Sources, Viewing the Route Table, Dynamic Routing, Case Study: Objective and Topology, Case Study: Configuring OSPF	4 Hours
Routing Policy: An Overview of Routing Policy, Default Routing Policies, Route Filters, Defining Routing Policy, Applying Routing Policy, Case Study: Objective and Topology, Case Study: Applying the Policy	4 Hours
Firewall Filters: Building Blocks of Firewall Filters, Common Match Criteria, Common Actions, Defining a Firewall Filter, Filtering Traffic on Interfaces.	4 Hours

JUNIPER NETWORK TRAINING FOR JUNOS ASSOCIATE, JNCIA-JUNOS (JN0- 102)

Schedule (2018-2019)

SL.no	DAY/DATE	TOPICS TO BE COVERED
PART-I		
1.	MONDAY 22/4/2019	JUNOS OPERATING SYSTEM FUNDAMENTALS
2.	TUESDAY 23/4/2019	USER INFTERFACE OPTIONS
3	WEDNESDAY 24/4/2019	INITIAL CONFIGURATION
4	THURSDAY 25/4/2019	SECONDARY SYSTEM CONFIGURATION
5	FRIDAY 26/4/2019	OPERATIONAL MONITORING AND MAINTAINANCE
PART-II		
6	MONDAY 29/4/2019	ROUTING FUNDAMENTALS
7	WEDNESDAY 30/4/2019	ROUTING POLICY
8	THURSDAY 2/5/2019	FIREWALL FILTERS

Instructors

1. Dr Jayalaxmi G N
2. Mr Moin Mulla
3. Mrs Pooja S
4. Mr Shamshuddin
5. Mr Sandeep Kulkarni
6. Mr Anil Kabbur

Attendance List

SI No	Name(Batch 1)
1.	Chandan Shanbhag
2.	Babu Mallappanavar
3.	Smita Channabasappa Yadavannavar
4.	Mukthabai Karajagi
5.	J S Yashas
6.	Zeba ara Patel
7.	Medha Ramakrishna Bhat
8.	Vaishnavi Jarimalli
9.	HUSEN MULLA
10.	Basavaraj Navalgund
11.	Vaishakh I Kuppast
12.	Saraswati Kandkur
13.	Mohd Adil Baig
14.	Aishwarya Shetty
15.	Ritika Vernekar
16.	Nidhi Vasant Mehata
17.	Radhika Kodagali
18.	Akshay Hegade
19.	R Shilpa
20.	Pratiksha Paramanand Aigal
21.	Anusha Rajesh Prabhu
22.	Kajal Jain
23.	Soniya Somaling Halagatti
24.	Prajna Manjunath Yaji
25.	Pavitra Haveri
26.	Deepali D Naik
27.	Navya Telang
28.	Priyanka Shejekar
29.	vellala vineeth kumar
30.	Jayashree A V

SI No	Name (Batch 2)
1.	Lakshmi Badiger
2.	Venkataramana Shakhapur
3.	Disha Mahajan
4.	Mohammed Amaan Arab
5.	Priya Sule
6.	Vanishree Kadakol
7.	Rohan Jakkannavar

8.	Rachana Jingade
9.	Naveen Jadhav
10.	Rohan Roy
11.	Sachin Benageri
12.	Gowri D
13.	Kusumavati Dharwadkar
14.	Neha C Panji
15.	Ishwar Malavade
16.	Manas Kumar
17.	Prashant Jalisatgi
18.	Saquib Mullanavar
19.	Priyanka Ramesh Babu
20.	Rashmi U B
21.	Divya Vivek Shanbhag
22.	arpita kulkarni
23.	Megha Koujageri
24.	Vinay Naik
25.	SAURAV SINGH
26.	Sanketh Prabhu
27.	Nageshwar Albur
28.	Vijeth Patil
29.	Namita Rayangoudar
30.	Sonali Santosh Naik

SI No	Name (Batch 3)
1.	Aakanksha Patil
2.	Atheeth a Naik
3.	Chetana Sarangamath
4.	Naveen Angadi
5.	Shrinidhi Katti
6.	Gajanan Bhat
7.	Gourav Bhat
8.	Karthik Bandihal
9.	Sagar Hosmani
10.	Karthik Shellikeri
11.	Manjesh Hukkeri
12.	Shekhar Naik
13.	Aishwarya S
14.	gayatri Kiresur
15.	Sunaina A M
16.	Apoorva Dayanand Prabhu
17.	Pooja Vibhutimath
18.	Vaishnavi Y P

19.	Vineet Prakash Kavishetty
20.	Manojna B
21.	Nitisha Sinha
22.	Pradeep Prakash Badiger
23.	Tanmayi Kamat
24.	Mihir Ambli
25.	Arpita C Nagthan
26.	Shreya
27.	Namrata Hosamani
28.	Nikhil Laxmidas Nayak
29.	Saket Trivedi