

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 (2019-2020)

SL.no	DAY/DATE	TOPICS TO BE COVERED
PART-I		
1.	MONDAY 16/12/2019	JUNOS OPERATING SYSTEM FUNDAMENTALS
2.	TUESDAY 17/12/2019	USER INFTERFACE OPTIONS
3	WEDNESDAY 18/12/2019	INITIAL CONFIGURATION
4	THURSDAY 19/12/2019	SECONDARY SYSTEM CONFIGURATION
5	FRIDAY 20/12/2019	OPERATIONAL MONITORING AND MAINTAINANCE
PART-II		
6	MONDAY 21/12/2019	ROUTING FUNDAMENTALS
7	WEDNESDAY 22/12/2019	ROUTING POLICY
8	THURSDAY 24/12/2019	FIREWALL FILTERS

Instructors

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

Student List

Sl No	Name
1.	Spoorthi Vaidya
2.	Haripriya G
3.	Megha A Hichkad
4.	Saurav Suman
5.	Preeti Chandrashekhar Pardeshi
6.	Rajratan Basavaraj Kolhar
7.	Roshan Parashuram Hebballi
8.	Supriya Satyappanavar
9.	Anusha D Nayak
10.	Karan Virupakshar
11.	Pooja Harish Pandit
12.	Niroop Janagoudar
13.	G. Apoorva
14.	Chethan P
15.	Saikumar Somashekhar Mullalli
16.	Chandrashekhar Patil
17.	Kiran Angadi
18.	Nanditha S
19.	Riya Suman
20.	Ronak Shah
21.	Aparna Narayan Bhat
22.	Divyansh S
23.	Farianaaz Z.J.
24.	Deepa G Bhoopali
25.	Pooja Shekharappa Galer
26.	Swathi Satyanarayana Pasala
27.	Vijayalaxmi Rajashekhar Shettar
28.	Meghana Karanandi
29.	Smita B Patil
30.	Kavana Jagannath Bhatkal
31.	Darshan Patil
32.	Khadeer Usman
33.	Aadil Kazi
34.	Sarjith R M
35.	Nagamani C Gunjal
36.	Rajath Keshav Bhat
37.	Aishwarya Kundagolmatha
38.	Monika K E
39.	Priyanka S Jigalur
40.	Shreya Sanjay Talwai
41.	Neha Naaz
42.	Shreenidhi Nagendra Bhat

43.	Nagashree S Shetti
44.	Laxmi Basavaraj Ittangihal
45.	Sushma Gajanan Bhandari
46.	Vishal Gurunathasa Bhandage
47.	Vachana Satish Belgavi
48.	Shweta Shankar Gumaste
49.	Rahul Kumar Mishra
50.	Shifanaaz Imamhussain Mulla
51.	Manjunath B Asundi
52.	Namrata Rajgopal Shetty
53.	Ashwini Parameshwar Bhat
54.	Shreya Shrinath Huilgol
55.	Darshan Narayan Nayak
56.	Pallavi Ramdas Pauskar
57.	Akshata Budihal
58.	Tulasi Mandla
59.	Megha L
60.	Netra Rameshchandra Gorbali
61.	Soukhya S Hegde
62.	Babagouda G Patil
63.	Elluru Pruthvi Sai
64.	Swapna Dadasaheb Kininge
65.	Nandini S
66.	Sphoorti A Kulkarni
67.	Suma Veerasangappa Uddan
68.	Priyanka Hanumantappa Halyal
69.	Suma K
70.	Girish P Mallya
71.	Aditya Kumar Verma
72.	Sagar Ishwarappa Pattanashett
73.	Maitrayee S Shimpiger
74.	Akash A Malla
75.	Chandrika Veerker
76.	Ku Namrata
77.	Namrata P Honawad
78.	Chaitra M Potdar
79.	Amaresh Shivaputra Hiremani
80.	Subham Sourabh
81.	Fakkiresh Karaveeramath
82.	Kishor H Channal