

OTJNR - Operation and Troubleshooting of Juniper Networks Routers

This course has been replaced by the 2-day TJP course

The Operation and Troubleshooting of Juniper Networks Routers (OTJNR) course is an intermediate-level, instructor-led course that focuses on the operation and troubleshooting of Juniper Networks M-series and T-series platforms.

This course exposes attendees to fault analysis procedures and troubleshooting techniques similar to those used by engineers in the Juniper Networks Technical Assistance Center (JTAC) Please note that this course does not focus on configuration or on routing protocol operation/theory.

By the end of this course, students will understand the Security topics of the M/T-Series router products to support common environments. Topics include:

- Perform installation procedures for M-series and T-series routers
- Operate the Craft Interface
- Manipulate the JUNOS Software CLI and issue operational-mode commands
- Save and manipulate configuration files
- Use System logs and tracing
- Recover and decode Core files
- Perform basic Hardware Troubleshooting
- Provide an overview of hardware troubleshooting tools
- Parse log files for symptoms of hardware problems
- Upgrade and downgrade JUNOS software
- Describe when system snapshots should be taken and how they are used
- Recover a lost root password
- Configure loopbacks and BERT
- Troubleshooting and Monitoring the Forwarding Plane
- Display entries in the RE and PFE forwarding table
- Detect the presence of interface policers
- Detect the presence of firewall filters
- Troubleshoot MTU-related problems
- Download JUNOS software

Prerequisites: Attendees of all Juniper Networks technical education courses are expected to have general familiarity with topics in the following areas:

- TCP/IP basics
- Link-state routing protocols, including a familiarity with either OSPF or IS-IS
- Operation of BGP4 and knowledge of the BGP4 mandatory attributes
- General interdomain routing issues

Duration: 3 Days

Cost: \$1,795 *All Juniper courses use authorized Juniper Networks® course materials.*

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