Juniper Networks Certification Program

Framework

Network Engineer
- JNCIE-SP
- JNCIE-ENT
- JNCIE-SEC

Support Specialist
- JNCSP-SP
- JNCSP-ENT
- JNCSP-SEC

Design Track
- JNCDP-Data Center*
- JNCDP-WAN*
- JNCDP-Security*

Professional
- JNCIP-SP
- JNCIP-ENT
- JNCIP-SEC

Specialist
- JNCIS-SP
- JNCIS-ENT
- JNCIS-SEC

Associate
- JNCIA-Junos

Service Provider Routing and Switching
- Enterprise Routing and Switching
- Junos Security

Service Provider Routing and Switching
- Enterprise Routing and Switching
- Junos Security

Data Center
- WAN
- Security

Please see www.juniper.net/certification for additional Product and Technology tracks including:
- E-Series
- Firewall/VPN
- IDP Series
- Junos Pulse Access Control
- Junos Pulse Secure Access
- QFabric
- Wireless LAN

Juniper Networks Curriculum—
Service Provider Routing And Switching

Juniper Networks Certified Expert Service Provider Routing and Switching (JNCIE-SP)
JPR-960 Service Provider Routing and Switching, Expert (JNCIE-SP)

Juniper Networks Certified Professional Service Provider Routing and Switching (JNCIP-SP)
JNO-660 Service Provider Routing and Switching, Professional (JNCIP-SP)

Juniper Networks Certified Specialist Service Provider Routing and Switching (JNCIS-SP)
JNO-360 Service Provider Routing and Switching, Specialist (JNCIS-SP)

Juniper Networks Certified Associate Junos (JNCIA-Junos)
JNO-102 Junos, Associate (JNCIA-Junos)

Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.

Optional: Continue to Juniper Networks Certified Support Professional, Service Provider Routing and Switching (JNCSP-SP)

Certification
Exam
Course

JNCIE-SP Bootcamp 5 days
Junos Multicast Routing (JMR) 2 days
Junos Class of Service (JCOS) 2 days
Advanced Junos Service Provider Routing (AJSPR) 4 days
Junos MPLS and VPNs (JMV) 5 days
Junos Service Provider Switching (JSPX) 2 days
Junos Intermediate Routing (JIR) 2 days
Junos Routing Essentials (JRE) 1 day
Introduction to the Junos Operating System (JOS) 1 day
Networking Fundamentals 5 hours

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Juniper Networks Curriculum—
Enterprise Routing And Switching

Juniper Networks Certified Expert
Enterprise Routing and Switching (JNCIE-ENT)
JPR-943 Enterprise Routing and Switching, Expert (JNCIE-ENT)

Juniper Networks Certified Professional
Enterprise Routing and Switching (JNCIP-ENT)
JN0-643 Enterprise Routing and Switching, Professional (JNCIP-ENT)

Juniper Networks Certified Specialist
Enterprise Routing and Switching (JNCIS-ENT)
JN0-343 Enterprise Routing and Switching, Specialist (JNCIS-ENT)

Juniper Networks Certified Associate Junos
(JNCIA-Junos)
JN0-102 Junos, Associate (JNCIA-Junos)

Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.
Juniper Networks Curriculum—Security

Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.

Optional: Continue to Juniper Networks Certified Support Professional, Security (JNCSP-SEC)

Juniper Networks Certified Expert Security (JNCIE-SEC)
JPR-932 Security, Expert (JNCIE-SEC)

Juniper Networks Certified Professional Security (JNCIP-SEC)
JN0-633 Security, Professional (JNCIP-SEC)

Juniper Networks Certified Specialist Security (JNCIS-SEC)
JN0-332 Security Specialist (JNCIS-SEC)

Juniper Networks Certified Associate Junos (JNCIA-Junos)
JN0-102 Junos, Associate (JNCIA-Junos)

JPR-932 Security, Expert (JNCIE-SEC)
JN0-633 Security, Professional (JNCIP-SEC)
JN0-332 Security Specialist (JNCIS-SEC)
JN0-102 Junos, Associate (JNCIA-Junos)
Juniper Networks—Junos-Based Curriculum

Service Provider Routing and Switching Track

- **JNCIE–SP**
  - JNCIE–SP Bootcamp
- **JNCIP–SP**
  - Junos Multicast Routing (JMR)
  - Junos Class of Service (JCOS)
  - Advanced Junos Service Provider Routing (AJSR)
- **JNCIS–SP**
  - Junos MPLS and VPNs (JMV)
  - Junos Service Provider Switching (JSPX)
  - Junos Intermediate Routing (JIR)

Enterprise Routing and Switching Track

- **JNCIE–ENT**
  - JNCIE–ENT Bootcamp
- **JNCIP–ENT**
  - Advanced Junos Enterprise Switching (AJEX)
  - Advanced Junos Enterprise Routing (AJER)
- **JNCIS–ENT**
  - Junos Enterprise Switching (JEX)
  - Junos Intermediate Routing (JIR)

Security Track

- **JNCIE–SEC**
  - JNCIE–SEC Bootcamp
- **JNCIP–SEC**
  - Junos Intrusion Prevention System Functionality (JIPS)
  - Advanced Junos Security (AJSEC)
- **JNCIS–SEC**
  - Junos Unified Threat Management (JUTM)
  - Junos Security (JSEC)

Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.
Juniper Networks Curriculum—Service Provider Routing And Switching Support

<table>
<thead>
<tr>
<th>Certification</th>
<th>Exam</th>
<th>Course</th>
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<tbody>
<tr>
<td>Juniper Networks Certified Support Professional, Service Provider Routing and Switching (JNCSP-SP)</td>
<td>JN0-692 Service Provider Routing and Switching Support, Professional (JNCSP-SP)</td>
<td>JN0-691 Junos Troubleshooting</td>
</tr>
<tr>
<td>Advanced Junos Service Provider Troubleshooting (AJSPT)</td>
<td>2 days</td>
<td></td>
</tr>
<tr>
<td>Junos Troubleshooting in the NOC (JTNOC)</td>
<td>3 days</td>
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<tr>
<th>Certification</th>
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<tr>
<td>Juniper Networks Certified Professional Service Provider Routing and Switching (JNCIP-SP)</td>
<td>JN0-692 Service Provider Routing and Switching Support, Professional (JNCSP-SP)</td>
<td>JN0-691 Junos Troubleshooting</td>
</tr>
<tr>
<td>Advanced Junos Service Provider Troubleshooting (AJSPT)</td>
<td>2 days</td>
<td></td>
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<tr>
<td>Junos Troubleshooting in the NOC (JTNOC)</td>
<td>3 days</td>
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**Notes:** The JNCIP-SP certification is a pre-requisite for the JNCSP-SP certification. Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to [www.juniper.net/training](http://www.juniper.net/training) for the most current information.
# Juniper Networks Curriculum—Enterprise Routing And Switching Support

## Exam

<table>
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<tr>
<th>Certification</th>
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<tbody>
<tr>
<td>JNCSP-ENT</td>
<td>JN0-694 Enterprise Routing and Switching Support, Professional (JNCSP-ENT)</td>
<td>1 day</td>
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<tr>
<td>JNCSP-ENT</td>
<td>Advanced Junos Enterprise Switching Troubleshooting (AJEXT)</td>
<td>1 day</td>
</tr>
<tr>
<td>JNCSP-ENT</td>
<td>Advanced Junos Enterprise Routing Troubleshooting (AJERT)</td>
<td>1 day</td>
</tr>
<tr>
<td>JNCSP-ENT</td>
<td>Junos Troubleshooting in the NOC (JTNOC)</td>
<td>3 days</td>
</tr>
<tr>
<td>JNCIP-ENT</td>
<td>JN0-691 Junos Troubleshooting</td>
<td>1 day</td>
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**Notes:** The JNCIP-ENT certification is a pre-requisite for the JNCSP-ENT certification. Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to [www.juniper.net/training](http://www.juniper.net/training) for the most current information.
Juniper Networks Curriculum—Junos Security Support

Notes: The JNCIP-SEC certification is a prerequisite for the JNCSP-SEC certification. Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.
Juniper Networks Curriculum—Automation

**Notes:** Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information. *The JEX-ELS class is recommended learning for the Automation path but is not required preparation for the JNCIS-SP certification.*

**Junos Routing Essentials (JRE)**
- 1 day

**Introduction to the Junos Operating System (ILOS)**
- 1 day

**Networking Fundamentals**
- 5 hours

**Junos Routing Essentials (JRE)**
- 2 days

**Junos Service Provider Switching (JSPX)**
- 2 days

**Junos Enterprise Switching-Enhanced Layer 2 Software (JEX-ELS)**
- 2 days

**Junos Intermediate Routing (JIR)**
- 2 days

**Junos MPLS and VPNs (JMV)**
- 5 days

**SDN in the Datacenter**
- 2 days

**Configuring and Monitoring Contrail (CMC)**
- 2 days

**Datacenter Interconnect (DCI)**
- 2 days

**Juniper Networks Certified Associate Junos (JNCIA-Junos)**
- JN0-102 Junos, Associate (JNCIA-Junos)

**Juniper Networks Certified Specialist Service Provider Routing and Switching (JNCIS-SP)**
- JN0-360 Service Provider Routing and Switching, Specialist (JNCIS-SP)

**Related Courses**

- **Data Center Switching (DCX)**
  - 2 days

- **Junos Automation (JAUT)**
  - 2 days

- **Junos as a Scripting Language (JSL)**
  - 4 hours

- **SLAX Scripting Part 1 Learning Byte**
  - 16 mins

- **Configuring Multiple Junos Devices Using Junos PyEZ and Templates**
  - 17 mins

- **Junos Python EZ: Basics Learning Byte**
  - 5 mins

- **Junos Python EZ: Installation Learning Byte**
  - 7 mins

**In Development**

- Configuring Multiple Junos Devices Using Junos PyEZ and Templates
- Junos as a Scripting Language (JSL)
- SLAX Scripting Part 1 Learning Byte
- Data Center Switching (DCX)
- Junos Automation (JAUT)
Juniper Networks—Design Curriculum

Data Center Design Track
- JNCDP-xxx (Data Center)
- JNCDP Data Center Training (X days)

WAN Design Track
- JNCDP-xxx (WAN)
- JNCDP WAN Training (X days)

Security Design Track
- JNCDP-xxx (Security)
- JNCDP Security Training (X days)

Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.

Certification
- JNCDA-1100 Design, Associate (JNCDA)

Course
- Juniper Networks Design Fundamentals (JNDF)

In Development
- TBD days

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Notes: The JNCIA-E credential is not a required prerequisite for the JNCIS-E credential. However, the JNCIS-E is a prerequisite for the JNCIP-E credential. Practical experience is the recommended preparation for the JNCIP-E credential. Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.
Juniper Networks Curriculum—Firewall/VPN

<table>
<thead>
<tr>
<th>Exam Certification</th>
<th>Exam Course</th>
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<tbody>
<tr>
<td>JN0-533 FWV, Specialist (JNCIS-FWV)</td>
<td>1 day</td>
</tr>
<tr>
<td>Attack Prevention with Juniper Networks Firewalls (APJF)</td>
<td>1 day</td>
</tr>
<tr>
<td>Advanced Juniper Networks IPsec VPN Implementations (AJVI)</td>
<td>2 days</td>
</tr>
<tr>
<td>Integrating Juniper Networks Firewalls and VPNs into High-Performance Networks (IFVH)</td>
<td>3 days</td>
</tr>
<tr>
<td>Configuring Juniper Networks Firewall/IPsec VPN Products (CJFV)</td>
<td>3 days</td>
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Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to [www.juniper.net/training](http://www.juniper.net/training) for the most current information.
Juniper Networks Certified Associate IDP (JNCIA-IDP)

<table>
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<tr>
<td>JN0-541 IDP, Associate (JNCIA-IDP)</td>
<td>3 days</td>
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Implementing Intrusion Detection and Prevention Products (IIDP)

Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to [www.juniper.net/training](http://www.juniper.net/training) for the most current information.
## Notes:
There is no preceding Associate-level certification. The knowledge and skills required to pass this exam are comparable to other Specialist-level credentials available through the Certification Program. Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to [juniper.net/training](http://www.juniper.net/training) for the most current information.

### Juniper Networks Curriculum—Junos Pulse Access Control

<table>
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<th>Certification</th>
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<tr>
<td>Juniper Networks Certified Specialist Junos Pulse Access Control (JNCIS-AC)</td>
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<tr>
<td>JN0-314 Junos Pulse Access Control, Specialist (JNCIS-AC)</td>
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<tr>
<td>Junos Pulse Access Control (JPAC)</td>
<td>3 days</td>
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# Juniper Networks Curriculum—Junos Pulse Secure Access

<table>
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<tr>
<th>Certification</th>
<th>Exam</th>
<th>Course</th>
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4 days

**Notes:** There is no preceding Associate-level certification. The knowledge and skills required to pass this exam are comparable to other Specialist-level credentials available through the Certification Program. Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to [www.juniper.net/training](http://www.juniper.net/training) for the most current information.
# Juniper Networks Curriculum—Wireless LAN

<table>
<thead>
<tr>
<th>Certification</th>
<th>Exam</th>
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<tbody>
<tr>
<td>Juniper Networks Certified Specialist, Wireless LAN (JNCIS-WLAN)</td>
<td></td>
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<tr>
<td>JN0-380 Wireless LAN Specialist (JNCIS-WLAN)</td>
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<tr>
<td>Advanced Juniper Networks Wireless LANs (AJWL)</td>
<td>4 days</td>
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<tr>
<td>Introduction to Juniper Networks Wireless LANs (IJWL)</td>
<td>4 days</td>
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<tr>
<td>WLAN Fundamentals</td>
<td>2 hours</td>
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**Notes:** Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to [www.juniper.net/training](http://www.juniper.net/training) for the most current information.
Notes: The JNCIS-ENT certification is a pre-requisite to the JNCIS-QF certification. Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.
Juniper Networks Curriculum—Junos Space

Notes: Information current as of May 2015. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.