JUNIPER NETWORKS LEARNING PATHS

Revised July 2013
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)
JN0-660 Service Provider Routing and Switching, Professional (JNCIP-SP)

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

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

Notes: Information current as of July 2013. 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—ENTERPRISE ROUTING AND SWITCHING

<table>
<thead>
<tr>
<th>Certification Course</th>
<th>Exam</th>
<th>Course</th>
</tr>
</thead>
</table>

#### Juniper Networks Certified Expert
Enterprise Routing and Switching (JNCIE-ENT)

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
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<tbody>
<tr>
<td>JPR-943 Enterprise Routing and Switching, Expert (JNCIE-ENT)</td>
<td>5 days</td>
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#### Juniper Networks Certified Professional
Enterprise Routing and Switching (JNCIP-ENT)

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
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<tbody>
<tr>
<td>JNO-643 Enterprise Routing and Switching, Professional (JNCIP-ENT)</td>
<td>3 days</td>
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</table>

#### Juniper Networks Certified Specialist
Enterprise Routing and Switching (JNCIS-ENT)

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>JNO-343 Enterprise Routing and Switching, Specialist (JNCIS-ENT)</td>
<td>2 days</td>
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</table>

#### Juniper Networks Certified Associate Junos
(JNCIA-Junos)

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>JNO-101 Junos, Associate (JNCIA-Junos)</td>
<td>1 day</td>
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</tbody>
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**Notes:** Information current as of July 2013. 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

Notes: Information current as of July 2013. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.

Junos Security (JSEC)
- Junos Intrusion Prevention System Functionality (JIPS)
  - 2 days
- Advanced Junos Security (AJSEC)
  - 3 days
- Junos Unified Threat Management (JUTM)
  - 1 day
- Junos Security (JSEC)
  - 3 days
- Junos Routing Essentials (JRE)
  - 1 day
- Introduction to the Junos Operating System (IJOS)
  - 1 day
- Networking Fundamentals
  - 5 hours

Certification
- Juniper Networks Certified Expert Security (JNCIE-SEC)
  - JPR-932 Security, Expert (JNCIE-SEC)
- Juniper Networks Certified Professional Security (JNCIP-SEC)
  - JN0-632 Security, Professional (JNCIP-SEC)
- Juniper Networks Certified Specialist Security (JNCIS-SEC)
  - JN0-332 Security Specialist (JNCIS-SEC)
- Juniper Networks Certified Associate Junos (JNCIA-Junos)
  - JN0-101 Junos, Associate (JNCIA-Junos)

Exam

Course

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

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 (TBD)

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 July 2013. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.
The JNCIP-SP certification is a prerequisite for the JNCSP-SP certification. Information current as of July 2013. 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—ENTERPRISE ROUTING AND SWITCHING SUPPORT

### Juniper Networks Certified Support Professional, Enterprise Routing and Switching (JNCSP-ENT)—Available July 2013

- JN0-694 Enterprise Routing and Switching Support, Professional (JNCSP-ENT)
- JN0-690 Junos Troubleshooting

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Junos Enterprise Switching Troubleshooting (AJEXT)</td>
<td>1 days</td>
</tr>
<tr>
<td>Advanced Junos Enterprise Routing Troubleshooting (AJERT)</td>
<td>1 days</td>
</tr>
<tr>
<td>Junos Troubleshooting in the NOC (JTNOC)</td>
<td>3 days</td>
</tr>
</tbody>
</table>

### Juniper Networks Certified Professional Enterprise Routing and Switching (JNCIP-ENT)

**Notes:** The JNCIP-ENT certification is a pre-requisite for the JNCSP-ENT certification. Information current as of July 2013. 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 Support Professional, Security (JNCSP-SEC)—Available July 2013
- JN0-696 Security Support, Professional (JNCSP-SEC)
- JN0-690 Junos Troubleshooting

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>Advanced Junos Enterprise Security Troubleshooting (AJEST)</td>
<td>1 day</td>
</tr>
<tr>
<td>Junos Troubleshooting in the NOC (JTNOC)</td>
<td>3 days</td>
</tr>
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</table>

Juniper Networks Certified Professional Security (JNCIP-SEC)

Notes: The JNCIP-SEC certification is a pre-requisite for the JNCSP-SEC certification. Information current as of July 2013. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.
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 July 2013. 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>Course</th>
<th>Duration</th>
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<tbody>
<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>
</tr>
</tbody>
</table>

**Notes:** Information current as of July 2013. 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—IDP

Juniper Networks Certified Associate IDP (JNCIA-IDP)

JN0-541 IDP, Associate (JNCIA-IDP)

Implementing Intrusion Detection and Prevention Products (IIDP) 3 days

Notes: Information current as of July 2013. Course and exam information (length, availability, content, etc.) is subject to change; refer to 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 July 2013. Course and exam information (length, availability, content, etc.) is subject to change; refer to 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 July 2013. 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—WIRELESS LAN

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
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<tbody>
<tr>
<td>JN0-380 Wireless LAN Specialist (JNCIS-WLAN)</td>
<td>4 days</td>
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<tr>
<td>Advanced Juniper Networks Wireless LANs (AJWL)</td>
<td></td>
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<tr>
<td>Introduction to Juniper Networks Wireless LANs (IJWL)</td>
<td></td>
</tr>
<tr>
<td>WLAN Fundamentals</td>
<td>2 hours</td>
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</table>

### Notes:
- Information current as of July 2013. Course 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.

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JUNIPER NETWORKS CURRICULUM—QFABRIC

Juniper Networks Certified Specialist, QFabric (JNCIS-QF)

JN0-370 QFabric, Specialist (JNCIS-QF)

Troubleshooting QFabric Systems (TQS) 2 days

Configuring and Monitoring QFabric Systems (CMQS) 2 days

Juniper Networks Certified Specialist, Enterprise (JNCIS-ENT)

Related Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>QFabric System Installation and Initial Configuration</td>
<td>8 hours</td>
</tr>
<tr>
<td>QFX3600 Node Device Overview and Deployment</td>
<td>1.5 hours</td>
</tr>
<tr>
<td>QFX3500 Switch Installation and Initial Hardware Configuration</td>
<td>1.5 hours</td>
</tr>
</tbody>
</table>

Notes: The JNCIS-ENT certification is a pre-requisite to the JNCIS-QF certification. Information current as of July 2013. Course and exam information (length, availability, content, etc.) is subject to change; refer to www.juniper.net/training for the most current information.