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Documentation Archives (Portable Libraries)

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YEAR 2000 NOTICE

Juniper Networks hardware and software products are Year 2000 compliant. Junos OS has no known time-related limitations through the year 2038. However, the NTP application is known to have some difficulty in the year 2036.

END USER LICENSE AGREEMENT

The Juniper Networks product that is the subject of this technical documentation consists of (or is intended for use with) Juniper Networks software. Use of such software is subject to the terms and conditions of the End User License Agreement ("EULA") posted at https://support.juniper.net/support/eula/. By downloading, installing or using such software, you agree to the terms and conditions of that EULA.

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About These Technical Documentation Archives

Documentation Archives, also known as Portable Libraries, provide users access to Juniper Networks technical documentation, collected in ZIP files.

If a ZIP file does not contain a specific document you are looking for, you can search for the document in the TechLibrary.

1
CHAPTER

Junos OS and Junos OS Evolved

IN THIS CHAPTER

Junos OS and Junos OS Evolved Docs: Active Releases (ZIPs)

> ℹ️ **NOTE**: These files are current only as of the date of the original release and might not include the most current information. For the most complete and current information, visit Juniper Networks TechLibrary.

- To view the latest online docs, see Junos OS Documentation or Junos OS Evolved Documentation.

- To find the right Junos OS or Junos OS release to align with your deployment needs, see KB21476: Junos Software Versions – Suggested Releases to Consider and Evaluate.

- To download a complete set of documentation for Junos OS and Junos OS Evolved, select one of the zip files from the table below.

Title	Published	Release Notes	ZIP
Junos OS and Junos OS Evolved 25.4 (PDF) NEW!	17/12/2025	• Junos OS 25.4 • Junos OS Evolved 25.4	[245 MB]
Junos OS and Junos OS Evolved 25.2 (PDF)	07/04/2025	• Junos OS 25.2 • Junos OS Evolved 25.2	[377 MB]
Junos OS and Junos OS Evolved 24.4 (PDF)	02/07/2025	• Junos OS 24.4 • Junos OS Evolved 24.4	[236 MB]
Junos OS and Junos OS Evolved 24.2 (PDF)	08/02/2024	• Junos OS 24.2 • Junos OS Evolved 24.2	[277 MB]
Junos OS and Junos OS Evolved 23.4 (PDF)	12/23/2023	• Junos OS 23.4 • Junos OS Evolved 23.4	[308 MB]

(Continued)

Title	Published	Release Notes	ZIP
Junos OS and Junos OS Evolved 23.2 (PDF)	06/16/2023	• Junos OS 23.2 • Junos OS Evolved 23.2	[340 MB]
Junos OS and Junos OS Evolved 23.1 (PDF)	03/24/2023	• Junos OS 23.1 • Junos OS Evolved 23.1	[342 MB]
Junos OS and Junos OS Evolved 22.4 (PDF)	12/26/2022	• Junos OS 22.4 • Junos OS Evolved 22.4	[344 MB]
Junos OS and Junos OS Evolved 22.3 (PDF)	09/28/2022	• Junos OS 22.3 • Junos OS Evolved 22.3	[342 MB]
Junos OS and Junos OS Evolved 22.2 (PDF)	06/24/2022	• Junos OS 22.2 • Junos OS Evolved 22.2	[333 MB]
Junos OS and Junos OS Evolved 22.1 (PDF)	03/25/2022	• Junos OS 22.1 • Junos OS Evolved 22.1	[335 MB]
Junos OS and Junos OS Evolved 21.4 (PDF)	12/17/2021	• Junos OS 21.4 • Junos OS Evolved 21.4	[323 MB]
Junos OS and Junos OS Evolved 21.3 (PDF)	09/24/2021	• Junos OS 21.3 • Junos OS Evolved 21.3	[317 MB]
Junos OS Evolved 21.2 (PDF)	06/30/2021	• Junos OS Evolved 21.2	[326 MB]

(Continued)

Title	Published	Release Notes	ZIP
Junos OS and Junos OS Evolved 21.1 (PDF)	03/29/2021	• Junos OS 21.1 • Junos OS Evolved 21.1	[321 MB]
Junos OS 20.2 (PDF)	06/30/2020	Junos OS 20.2	[412 MB]

Junos OS and Junos OS Evolved Docs: EOS Releases (ZIPs)

The following releases for Junos OS and Junos OS Evolved have reached end-of-life (EOL) or end-of-support (EOS).

To view the latest online docs, see Junos OS Documentation or Junos OS Evolved Documentation.

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
Junos OS and Junos OS Evolved 21.3 (PDF)	09/23/2021	[328 MB]
Junos OS 21.2 (PDF)	06/30/2021	[326 MB]
Junos OS and Junos OS Evolved 21.1 (PDF)	03/26/2021	[325 MB]
Junos OS and Junos OS Evolved 20.4 (PDF)	12/30/2020	[411 MB]
Junos OS and Junos OS Evolved 20.3 (PDF)	09/30/2020	[414 MB]
Junos OS and Junos OS Evolved 20.2 (PDF)	06/30/2020	[414 MB]

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Title	Published	ZIP
Junos OS and Junos OS Evolved 20.1 (PDF)	03/30/2020	[401 MB]
Junos OS and Junos OS Evolved 19.4 (PDF)	12/27/2019	[417 MB]
Junos OS and Junos OS Evolved 19.3 (PDF)	09/26/2019	[528MB]
Junos OS and Junos OS Evolved 19.2 (PDF)	06/28/2019	[535MB]
Junos OS and Junos OS Evolved 19.1 (PDF)	03/28/2019	[546MB]
Junos OS 18.4 (PDF)	01/08/2019	[565MB]
Junos OS and Junos OS Evolved 18.3 (PDF)	10/05/2018	[601MB]
Junos OS 18.2 (PDF)	07/09/2018	[544MB]
Junos OS 18.1 (PDF)	04/16/2018	[560MB]
Junos OS 17.4 (PDF)	12/01/2018	[509MB]
Junos OS 17.3 (PDF)	08/30/2017	[502MB]
Junos OS 17.2 (PDF)	15/06/2017	[497MB]
Junos OS 17.1 (PDF)	03/14/2017	[444MB]
Junos 16.2 (PDF)	03/14/2017	[366MB]
Junos 16.1 (PDF)	03/14/2017	[424MB]

(Continued)

Title	Published	ZIP
Junos 15.1R7 (including 15.1R7-S1 through 15.1R7-S6) (PDF) (for ACX Series, M Series, MX Series, PTX Series, and T Series)	03/14/2017	[914MB]
Junos 15.1F6-S10 through 15.1F6-S13 (PDF) (for ACX Series, M Series, MX Series, PTX Series, and T Series)	03/14/2017	[914MB]
Junos 15.1X49 (PDF)	03/14/2017	[8MB]
Junos 15.1R3 and 15.1R7-S3 through 15.1R7-S5 (PDF) (for EX4300, EX4600, and QFX5100)	03/14/2017	[914MB]
Junos OS 15.1X53 (PDF)	06/29/2016	[958MB]
Junos OS 15.1 (PDF)	06/04/2015	[958MB]
Junos OS 14.2 (PDF)	14/11/2014	[444MB]
Junos OS 14.1X53 (PDF)	10/07/2014	[1.32GB]
Junos OS 14.1 (PDF)	10/04/2014	[1.32GB]
Junos OS 13.3 (PDF)	30/01/2014	[444MB]
Junos OS 13.2 (PDF)	07/10/2013	[444MB]
Junos OS 13.1 (PDF)	03/04/2013	[444MB]

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Title	Published	ZIP
Junos OS 12.3 (PDF)	06/02/2013	[422MB]
Junos OS 12.2 (PDF)	06/12/2012	[378MB]

2
CHAPTER

End-of-Support Products and Releases

IN THIS CHAPTER

Anuta ATOM Archives

SUMMARY

The Anuta ATOM software has reached end-of-support (EOS).

IN THIS SECTION

● Anuta ATOM | 10

All the releases of Anuta ATOM software have reached end-of-support (EOS).

To download the archived documentation, select one of the zip files from the sections below.

Anuta ATOM

Title	Published	ZIP
Anuta ATOM 11.9	October 2024	[50.7 MB]
Anuta ATOM 11.8	October 2024	[43.3 MB]
Anuta ATOM 11.0	October 2024	[34.7 MB]
Anuta ATOM 10.6	October 2024	[41.9 MB]

BTI Series Archives

BTI Series products have reached end-of-support (EOS).

- To learn more about the associated optical network management system, see proNX Service Manager.

- To download the archived BTI series documentation, select one of the zip files from the table below.

Title	Releases	ZIP
BTI800 Series	BTI805, BTI810, BTI821, BTI822	[19.2 MB]
BTI7800 Series	BTI7801, BTI7802, BTI7814	[14.7 MB]
BTI7000 Series	BTI7020, BTI7060, BTI7200	[94.7 MB]

Common Criteria and FIPS Documentation Archives

SUMMARY

Archives of the EOL/EOS releases for Common Criteria and FIPS

IN THIS SECTION

- Security | **11**
- Routing and Switching | **12**

The following Common Criteria and FIPS releases have reached end-of-support (EOS).

To download the archived CC and FIPS documentation, select one of the zip files from the sections below.

Security

Release	ZIP
Release 20.4	[2.06 MB]
Release 20.3	[669 KB]
Release 20.2	[36.1 MB]

(Continued)

Release	ZIP
Release 19.2	[7.08 MB]
Release 19.1	[7.97 MB]

Routing and Switching

Release	ZIP
Release 20.3	[2.2 MB]
Release 20.2	[207 KB]
Release 20.1	[2 MB]
Release 19.4	[1.78 MB]
Release 19.3	[3.64 MB]
Release 19.2	[3.98 MB]
Release 19.1	[5 MB]
Release 18.3	[2.85 MB]
Release 18.2	[487 KB]
Release 18.1	[5.66 MB]

CTP Circuit to Packet Platforms Archives

Juniper CTP150 Circuit to Packet platform has reached end-of-support (EOS). To see EOS details, visit CTP Platform Hardware Dates & Milestones.

- To download a zip file of the archived documentation, click CTP150 Circuit to Packet Platform (26.7 MB).

- To learn about CTP151, the recommended upgrade product for CTP150, see CTP151 Circuit to Packet Platform.

Contrail Archives

SUMMARY

Archives of the EOL/EOS releases for the Contrail products documentation

IN THIS SECTION

- Contrail Insights (formerly AppFormix) | 13
- Cloud-Native Contrail Networking (CN2) | 14
- Contrail Networking | 14
- Contrail Service Orchestration (CSO) | 15
- Contrail Cloud | 16

The following Contrail products releases have reached end-of-support (EOS).

To download the archived Contrail documentation, select one of the zip files from the sections below.

Contrail Insights (formerly AppFormix)

Title	Published	ZIP
Contrail Insights	November 2024	[18.8 MB]

Cloud-Native Contrail Networking (CN2)

Title	Published	ZIP
CN2 23.2	July 2025	[10.4 MB]
CN2 23.1	July 2025	[12.5 MB]
CN2 22.4	December 2022	[7.6 MB]
CN2 22.3	November 2022	[4.6 MB]
CN2 22.2	September 2022	[4.6 MB]
CN2 22.1	July 2022	[5.8 MB]

Contrail Networking

Title	Published	ZIP
Contrail Networking release 20	Aug 2025	[41.5 MB]
Contrail Networking release 19	Aug 2025	[40 MB]
Contrail Networking release 5.1	Aug 2025	[35.1 MB]
Contrail Networking release 5.0	Aug 2025	[34.6 MB]
Contrail Networking release 4.1	Aug 2025	[29.1 MB]
Contrail Networking release 4.0	May 2019	[51.2 MB]

(Continued)

Title	Published	ZIP
Contrail Networking release 3.2	July 2018	[25.6 MB]
Contrail Networking release 3.1	July 2018	[19.7 MB]
Contrail Networking release 3.0	July 2017	[26.3 MB]

Contrail Service Orchestration (CSO)

Title	Published	ZIP
CSO 6.1.0	February 2022	[26.9 MB]
CSO 6.0.0	February 2022	[32 MB]
CSO 5.4.0	June 2021	[30 MB]
CSO 5.3.0	October 2020	[29.1 MB]
CSO 5.1.2	August 2020	[24 MB]
CSO 5.2.0	July 2020	[18.6 MB]
CSO 5.1.0	April 2020	[19.4 MB]
CSO 5.0.0	August 2019	[19.2 MB]
CSO 4.1.0	April 2019	[16.1 MB]

(Continued)

Title	Published	ZIP
CSO 4.0.0	January 2019	[16.1 MB]
CSO 3.3.0	September 2018	[10.5 MB]
CSO 3.2.0	October 2018	[16 MB]

Contrail Cloud

Title	Published	ZIP
Contrail Cloud 16	February 2022	[1.2 MB]
Contrail Cloud 13	August 2025	[4.7 MB]
Contrail Cloud 10	August 2025	[5.3 MB]

Corero SmartWall Threat Defense Director (TDD)

Some of the Corero SmartWall TDD releases have reached end-of-support (EOS).

- To see EOS details, visit Corero SmartWall TDD Software Dates & Milestones.

- To learn more about the latest Corero SmartWall Threat Defense Director releases, see Corero SmartWall Threat Defense Director (TDD).

- To download the archived documentation, select one of the zip files from the table below.

Release	Published	ZIP
Corero SmartWall TDD release 10.3.2	September 2025	[11.8 MB]
Corero SmartWall TDD release 10.3.1	September 2025	[13.4 MB]
Corero SmartWall TDD release 10.3.0	September 2025	[14.3 MB]
Corero SmartWall TDD release 9.7.5	February 2021	[4.5 MB]
Corero SmartWall TDD release 9.7.3	November 2020	[4.5 MB]
Corero SmartWall TDD release 9.7.2	June 2020	[9.6 MB]
Corero SmartWall TDD release 9.7.0	October 2019	[3.4 MB]

EX Series Archives

Some of the EX Series Ethernet Switches have reached end-of-support (EOS). To see EOS details, visit EX Series Hardware Dates & Milestones.

- To download a zip file of the archived documentation, click EX Series Docs Archive (18.1 MB).

- To learn more about the latest Juniper Switches, see EX Switches.

Firefly Host (vGW) Archives

Firefly Host (vGW) software has reached end-of-support (EOS).

- To see EOS details, visit Firefly Host (vGW) Dates & Milestones.

- To download a zip file of the archived documentation, click Firefly Host (vGW) (40.5 MB).

- To learn more about the latest Juniper security solutions, see Security.

J-Web for SRX and EX Series Archives

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- J-Web for SRX Series | **18**
- J-Web for EX Series | **20**

Some of the J-Web for SRX and EX Series releases have reached end-of-life (EOL) or end-of-support (EOS).

- To view the latest online documentation, see J-Web for Security Firewalls and Switches.

- To download a complete set of the archived documentation, select one of the zip files from the table below.

J-Web for SRX Series

Title	Published	ZIP
J-Web 23.1	March 2024	[5.2 MB]

(Continued)

Title	Published	ZIP
J-Web 22.3	March 2024	[5.2 MB]
J-Web 22.1	March 2024	[7.2 MB]
J-Web 21.4	July 2025	[4.9 MB]
J-Web 21.3	March 2024	[4.7 MB]
J-Web 21.2	October 2023	[4.6 MB]
J-Web 21.1	September 2023	[3.6 MB]
J-Web 20.4	March 2022	[3.9 MB]
J-Web 20.3	March 2023	[5.9 MB]
J-Web 20.2	December 2023	[4.1 MB]
J-Web 20.1	September 2022	[5.7 MB]
J-Web 19.4	June 2023	[4.4 MB]
J-Web 19.3	March 2023	[3.9 MB]

J-Web for EX Series

Title	Published	ZIP
J-Web Application Package for EX Series 23.x Release Notes	March 2024	[95 KB]
J-Web Application Package for EX Series 22.x Release Notes	March 2024	[289 KB]
J-Web Application Package for EX Series 21.x Release Notes	March 2024	[1.1 MB]
J-Web Application Package for EX Series 20.x Release Notes	June 2024	[3.7 MB]
J-Web Application Package for EX Series 19.x Release Notes	November 2020	[2.8 MB]
J-Web Application Package for EX Series 18.x Release Notes	October 2020	[2.4 MB]
J-Web Application Package for EX Series 17.x Release Notes	December 2017	[781 KB]
J-Web Application Package for EX Series 16.x Release Notes	July 2016	[194 KB]
J-Web Application Package for EX Series 15.x Release Notes	July 2018	[831 KB]
J-Web Application Package for EX Series 14.x Release Notes	July 2018	[641 KB]

JSA Series Archives

JSA Series releases prior to release 7.5.0 have reached end-of-life (EOL) or end-of-support (EOS). To see EOS details, visit STRM / JSA Dates & Milestones.

To learn more about the latest Juniper threat detection solutions, see Threat Detection and Mitigation.

To download the archived documentation for the EOS releases, select one of the zip files from the sections below.

STRM / JSA Archives

The following JSA Series Virtual Appliance and STRM products have reached end-of-support (EOS).

- To find the latest JSA Series Virtual Appliance documentation, see JSA Series Virtual Appliance.

- To download the archived STRM/JSA documentation, select one of the zip files from the table below.

Title	Published	ZIP
JSA 7.4.2	May 2021	[46.2 MB]
JSA 7.4.1	October 2020	[59.2 MB]

(Continued)

Title	Published	ZIP
JSA 7.4.0	June 2020	[62.2 MB]
JSA 7.3.3	February 2020	[67.5 MB]
JSA 7.3.2	May 2019	[90.1 MB]
JSA 7.3.1	July 2018	[106.4 MB]
JSA 7.3.0	April 2021	[50.2 MB]
JSA 2014.8 (7.2.8)	April 2017	[20.6 MB]
JSA 2014.7 (7.2.7)	July 2016	[24.1 MB]
JSA 2014.6 (7.2.6)	April 2016	[29.5 MB]
JSA 2014.5 (7.2.5)	February 2016	[29.5 MB]
JSA 2014.4 (7.2.4)	February 2015	[35.2 MB]
JSA 2014.3 (7.2.3)	October 2014	[37.9 MB]
JSA 2014.2 (7.2.2)	July 2014	[40.3 MB]
JSA 2014.1 (7.2.1)	March 2014	[48.4 MB]
STRM	2013	[42.2 MB]

JSA3500 and JSA5500

The JSA3500 and 5500 products have reached end-of-support (EOS).

- To find the latest JSA Series Virtual Appliance documentation, see JSA Series Virtual Appliance.

- To download the archived JSA3500 and JSA5500 documentation, click JSA3500 and JSA5500 (4.9 MB).

JSA3800

The following JSA3800 product has reached end-of-support (EOS) or end-of-life (EOL).

- To find the latest JSA Series Virtual Appliance documentation, see JSA Series Virtual Appliance.

- To download the archived JSA3800 documentation, click JSA3800 (4.7 MB).

JSA5800

The following JSA5800 product has reached end-of-support (EOS).

- To find the latest JSA Series Virtual Appliance documentation, see JSA Series Virtual Appliance.

- To download the archived JSA3800 documentation, click JSA5800 (6.2 MB).

JSA7500

The following JSA7500 product has reached end-of-life (EOL) or end-of-support (EOS).

- To find the latest JSA Series Virtual Appliance documentation, see JSA Series Virtual Appliance.

- To download the archived JSA7500 documentation, click JSA7500 (5.3 MB).

JSA7800

The following JSA7800 product has reached end-of-life (EOL) or end-of-support (EOS).

- To find the latest JSA Series Virtual Appliance documentation, see JSA Series Virtual Appliance.

- To download the archived JSA3800 documentation, click JSA7800 (4.8 MB).

Juniper Advanced Threat Prevention Appliances (JATP) Archives

Juniper Advanced Threat Prevention Appliances (JATP) software has reached end-of-life (EOL) or end-of-support (EOS).

- To see EOS details, visit JATP Hardware Dates & Milestones.

- To learn more about the latest Juniper Advanced Threat Prevention products, see:

  - Juniper Advanced Threat Prevention Cloud (ATP Cloud)

  - Virtual Juniper Advanced Threat Prevention Appliance (vJATP Appliance)

  - JATP-MacOS

- To download a zip file of the archived documentation, click JATP Archives (38.5 MB).

Juniper Extension Toolkit (JET) Archives

The following releases of Juniper Extension Toolkit (JET) have reached end-of-support (EOS).

- To see EOS details, visit Junos OS Dates & Milestones and Junos OS Evolved Dates & Milestones.

- To find the latest JET documentation, see Juniper Extension Toolkit (JET).

- To download a zip file of the archived documentation, click JET Archives (13 MB).

Juniper Apstra Archives

Some Juniper Apstra releases have reached end-of-life (EOL) or end-of-support (EOS).

- To view the latest online docs, see:

  - Juniper Apstra

- To download a complete set of the archived documentation, select one of the zip files from the sections below.

Juniper Apstra

Title	Published	ZIP
Juniper Apstra 4.1	March 2025	[74.6 MB]
Juniper Apstra 4.0	June 2024	[62.5 MB]
Juniper Apstra 3.3.0	August 2023	[56 MB]

Juniper Cloud-Native Router (JCNR) Archives

SUMMARY

Juniper Cloud-Native Router EOL/EOS releases

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- Juniper Cloud-Native Router | 26

Some releases of Juniper Cloud-Native Router (JCNR) have reached end-of-life (EOL) or end-of-support (EOS).

- To view the latest online docs, see:

  - Juniper Cloud-Native Router

- To download a complete set of the archived documentation, select one of the zip files from the sections below.

Juniper Cloud-Native Router

Title	Published	ZIP
JCNR 23.1	October 2025	[1.0 MB]
JCNR 22.4	April 2023	[1.1 MB]
JCNR 22.3	September 2022	[907 KB]
JCNR 22.2	August 2022	[332 KB]

JunosE Archives

JunosE software has reached end-of-support (EOS).

- To see EOS details, visit JunosE Dates & Milestones.

- To learn more about the latest Juniper routers, see Routers.

- To download the archived JunosE documentation, select one of the zip files from the table below.

Title	Published	TAR & ZIP
JunosE 16.1.x (PDF)	10/29/2015	[98 MB]
JunosE 15.1.x (PDF)	9/17/2014	[98 MB]
JunosE 14.3.x (PDF)	7/23/2013	[98 MB]
JunosE 14.2.x (PDF)	4/10/2013	[97 MB]
JunosE 14.1.x (PDF)	1/9/2013	[93 MB]
JunosE 13.3.x (HTML)	10/25/2012	[93 MB]
JunosE 13.2.x (HTML)	9/13/2012	[152 MB]
JunosE 13.1.x (HTML)	5/3/2012	[137 MB]
JunosE 13.0.x (HTML)	2/6/2012	[236 MB]
JunosE 12.3.x (HTML)	11/2/2011	[121 MB]
JunosE 12.2.x (HTML)	8/9/2011	[108 MB]
JunosE 12.1.x (HTML)	5/6/2011	[108 MB]
JunosE 12.0.x (HTML)	2/10/2011	[113 MB]
JunosE 11.3.x (HTML)	11/19/2010	[110MB]
JunosE 11.2.x (HTML)	8/6/2010	[112MB]

(Continued)

Title	Published	TAR & ZIP
JunosE 11.1.x (HTML)	8/5/2010	[154MB]
JunosE 11.0.x (HTML)	2/18/2010	[253MB]
JunosE Documentation Release 10.3.x (HTML)	11/06/2009	[99MB]
JunosE Documentation Release 10.2.x (HTML)	8/13/2009	[97MB]
JunosE Documentation Release 10.1.x (HTML)	5/7/2009	[96.7MB]
JunosE Documentation Release 10.0.x (HTML)	2/5/2009	[101MB]
JunosE Documentation Release 9.3.x (HTML)	11/13/2008	[99.7MB]
JunosE Documentation Release 9.2.x (HTML)	7/24/2008	[112MB]
JunosE Documentation Release 9.1.x (HTML)	5/22/2008	[112MB]
JunosE Documentation Release 9.0.x (Archive)	2/29/2008	[109MB]

Junos Space Archives

SUMMARY

Junos Space end-of-life (EOL) or end-of-support (EOS) releases and products

IN THIS SECTION

Junos Space Network Management software releases 21.2 and earlier have reached end-of-life (EOL) or end-of-support (EOS). To see the details, visit one of the pages below:

- Junos Space Appliance Hardware Dates & Milestones

- Junos Space Connectivity Services Director Dates & Milestones

- Junos Space Platform Dates & Milestones

- Junos Space Dates & Milestones

- Junos Space Management Applications Dates & Milestones

To find the latest Junos Space & Junos Space application documentation, see:

- Junos Space Management Platform

- Connectivity Services Director

- Network Director

- Security Director

- Security Director Cloud

- Security Director Insights

To download the archived Junos Space documentation for EOS releases, select one of the zip files from the sections below.

Junos Space Network Management Platform

To download a zip file of the archived documentation, select one of the zip files from the table below.

Release	Published	ZIP
Junos Space 22.3	July 2025	[9.7 MB]
Junos Space 22.1	September 2023	[9.7 MB]
Junos Space 21.3	December 2024	[9.7 MB]
Junos Space 21.2	May 2022	[23 MB]
Junos Space 21.1	October 2021	[23 MB]
Junos Space 20.3	October 2021	[23 MB]
Junos Space 20.1	October 2021	[23 MB]
Junos Space 19.4	November 2020	[23 MB]
Junos Space 19.3	November 2020	[23 MB]
Junos Space 19.2	November 2020	[23 MB]
Junos Space 19.1	November 2020	[23 MB]
Junos Space 18.4	November 2020	[23 MB]
Junos Space 18.3	November 2020	[22 MB]
Junos Space 18.2	November 2020	[22 MB]

(Continued)

Release	Published	ZIP
Junos Space 18.1	September 2020	[22 MB]

Connectivity Services Director

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
Connectivity Services Director, Release 5.3	June 2024	[14.9 MB]
Connectivity Services Director, Release 5.2	May 2022	[15 MB]
Connectivity Services Director, Release 5.1	May 2022	[15 MB]
Connectivity Services Director, Release 5.0	May 2022	[15 MB]
Connectivity Services Director, Release 4.2	November 2020	[15 MB]
Connectivity Services Director, Release 4.1	March 2020	[19 MB]
Connectivity Services Director, Release 4.0	April 2019	[20 MB]

Cross Provisioning Platform

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
Cross Provisioning Platform 21.2	January 2024	[9.5 MB]
Cross Provisioning Platform 21.1	January 2024	[10.1 MB]
Cross Provisioning Platform 20.1	January 2024	[10 MB]
Cross Provisioning Platform 19.4	June 2022	[9.53 MB]
Cross Provisioning Platform 19.3	June 2022	[9.53 MB]

Network Director

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
Network Director 6.3	July 2025	[5.3 MB]
Network Director 6.2	July 2025	[5.2 MB]
Network Director 6.1	March 2022	[5.3 MB]
Network Director 5.3	May 2022	[5.3 MB]
Network Director 5.2	May 2022	[5.06 MB]
Network Director 5.1	April 2021	[19 MB]

(Continued)

Title	Published	ZIP
Network Director 4.1	December 2020	[22 MB]
Network Director 4.0	November 2020	[29 MB]

Policy Enforcer

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
Policy Enforcer 22.3	July 2025	[16.5 MB]
Policy Enforcer 22.2	July 2025	[16.5 MB]
Policy Enforcer 22.1	March 2022	[16.5 MB]
Policy Enforcer 21.3	July 2024	[6.8 MB]
Policy Enforcer 21.2	May 2022	[12 MB]
Policy Enforcer 21.1	February 2022	[12 MB]
Policy Enforcer 20.3	February 2022	[12 MB]
Policy Enforcer 20.1	February 2021	[16 MB]
Policy Enforcer 19.4	February 2021	[12 MB]
Policy Enforcer 19.3	February 2021	[12 MB]

(Continued)

Title	Published	ZIP
Policy Enforcer 19.2	February 2021	[11 MB]
Policy Enforcer 19.1	February 2021	[11 MB]
Policy Enforcer 18.4	January 2021	[8.64 MB]
Policy Enforcer 18.3	September 2020	[10 MB]
Policy Enforcer 18.2	September 2020	[7.67 MB]
Policy Enforcer 18.1	September 2020	[8.49 MB]

Security Director

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
Security Director 22.3	July 2025	[23.7 MB]
Security Director 22.2	July 2025	[23.9 MB]
Security Director 22.1	August 2022	[23.6 MB]
Security Director 21.3	July 2024	[20 MB]
Security Director 21.2	April 2023	[23 MB]
Security Director 21.1	July 2022	[22 MB]

(Continued)

Title	Published	ZIP
Security Director 20.3	August 2021	[21 MB]
Security Director 20.1	April 2022	[19 MB]
Security Director 19.4	April 2022	[17 MB]
Security Director 19.3	April 2022	[17 MB]
Security Director 19.2	November 2020	[18 MB]
Security Director 19.1	November 2020	[15 MB]
Security Director 18.4	November 2020	[17 MB]
Security Director 18.3	September 2020	[17 MB]
Security Director 18.2	November 2019	[15 MB]
Security Director 18.1	July 2018	[15 MB]

Security Director Insights

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
Security Director Insights 22.1	June 2023	[9.9 MB]
Security Director Insights 21.3	January 2021	[8.6 MB]

Junos Space Appliance

To download a zip file of the archived documentation, select one of the zip files from the table below.

Title	Published	ZIP
JA2500	September 2018	[4.68 MB]
JA1500	January 2017	[4.99 MB]

Advanced Insight Scripts (AI-Scripts)

The Advanced Insight Scripts product has reached end-of-support (EOS).

To download a zip file of the archived documentation, click Advanced Insight Scripts (6.9 MB).

Edge Services Director

Edge Services Director has reached end-of-support (EOS).

To download a zip file of the archived documentation, click Edge Services Director (12 MB).

Service Insight

Service Insight has reached end-of-support (EOS).

To download a zip file of the archived documentation, click Service Insight (8.21 MB).

Service Now

Service Now has reached end-of-support (EOS).

To download a zip file of the archived documentation, click Service Now (14 MB).

Junosphere Archives

Juniper Junosphere software has reached end-of-support (EOS).

- To download a zip file of the archived documentation, click Junosphere (32.3 MB).

- To see EOS details, visit Junosphere Dates & Milestones.

- To learn more about the latest Juniper virtual products that run Junos OS or Junos OS Evolved, see vMX, vSRX, vJunos-switch, and vJunosEvolved.

JunosV App Engine and VSE Series Archives

Juniper JunosV App Engine and VSE Series routers have reached end-of-support (EOS). To see EOS details, visit VSE Series Hardware Dates & Milestones.

To download a zip file of the archived documentation, click JunosV App Engine and VSE Series (6.7 MB).

M Series Archives

Juniper M Series routers have reached end-of-support (EOS). To see EOS details, visit M Series Hardware Dates & Milestones.

- To download a zip file of the archived documentation, click M Series Docs Archive (39 MB).

- To learn more about the latest Juniper routers, see Routers.

MobileNext Broadband Gateway Archives

Juniper MobileNext Broadband Gateway software has reached end-of-support (EOS).

To download the archived MobileNext Broadband Gateway documentation, select one of the zip files from the table below.

Title	Published	ZIP
MobileNext Broadband Gateway 12.1	July 2013	[33 MB]
MobileNext Broadband Gateway 11.4	April 2012	[37.2 MB]
MobileNext Broadband Gateway 11.2	December 2011	[7.7 MB]

NetScreen Products Archives

Juniper NetScreen products have reached end-of-life (EOL) or end-of-support (EOS). To see the details, visit one of the pages below:

- NetScreen IDP Platform Hardware Dates & Milestones

- NetScreen Security Products Hardware Dates & Milestones

- NSM Hardware Dates & Milestones

- NSM Dates & Milestones

- IDP Dates & Milestones

To learn more about the latest Juniper security solutions, see Security.

To download the archived NetScreen documentation, select one of the zip files from the table below.

Title	Published	ZIP
Network & Security Manager (NSM)	May 2023	[45.5 MB]
ScreenOS	May 2023	[4.3 MB]
IDP OS & IDP Series Appliances	May 2023	[20.2 MB]
ISG Series Appliances	May 2023	[12.0 MB]

(Continued)

Title	Published	ZIP
NetScreen Series Appliances	May 2023	[945.6 KB]
SSG Series Appliances	May 2023	[17.2 MB]

Network Automation Archives

IN THIS SECTION

- Network Automation Overview Guide | **39**

Network Automation Overview Guide

The Network Automation Overview Guide provides a high-level overview of network automation on devices running Junos OS. This guide is no longer supported.

To download a zip file of the archived documentation, click ZIP [766 KB].

NorthStar Products Archives

SUMMARY

Juniper NorthStar products end-of-life (EOL) or end-of-support (EOS) releases

Juniper NorthStar Controller and NorthStar Planner software releases 6.1.0 and earlier have reached end-of-support (EOS). To see the details, visit NorthStar Hardware Dates & Milestones.

- To find the latest NorthStar Controller and NorthStar Planner documentation, see:

  - NorthStar Controller

  - NorthStar Planner

- To download the archived NorthStar Controller and NorthStar Planner documentation for EOS releases, select one of the zip files from the table below.

Release	Published	ZIP
NorthStar 6.1.0	April 2022	[41.6 MB]
NorthStar 6.0.0	November 2020	[41.6 MB]
NorthStar 5.1.0	November 2020	[35.3 MB]
NorthStar 5.0.0	September 2020	[32.1 MB]
NorthStar 4.3.0	July 2021	[33.5 MB]
NorthStar 4.2.0	December 2019	[48.7 MB]
NorthStar 4.1.0	July 2018	[15.7 MB]
NorthStar 4.0.0	July 2018	[14.6 MB]
NorthStar 3.2.0	March 2018	[11.4 MB]
NorthStar 3.1.0	July 2018	[9 MB]
NorthStar 3.0.0	December 2017	[8.6 MB]

Paragon Products Archives

Some Paragon products and releases have reached end-of-life (EOL) or end-of-support (EOS).

- To view the latest online docs, see one of the following:

    - Paragon Automation (Pathfinder, Planner, Insights)

    - Paragon Active Assurance (formerly Netrounds)

    - Paragon Insights (formerly HealthBot)

- To download a complete set of the archived documentation, select one of the zip files from the sections below.

Paragon Automation (Pathfinder, Planner, Insights)

Title	Published	ZIP
Paragon Automation release 23.1	October 2023	[110.2 MB]
Paragon Automation release 22.1	May 2023	[31.3 MB]
Paragon Automation release 21.3	July 2022	[31.2 MB]

(Continued)

Title	Published	ZIP
Paragon Automation release 21.2	December 2021	[28.5 MB]
Paragon Automation release 21.1	December 2021	[27.5 MB]

Paragon Automation (SaaS)

Title	Published	Zip
Paragon Automation (SaaS)	November 2023	[4.43 MB]

Paragon Active Assurance (formerly Netrounds)

Title	Published	ZIP
Paragon Active Assurance release 4.3	December 2023	[3.7 MB]
Paragon Active Assurance release 4.2	July 2024	[3.6 MB]
Paragon Active Assurance release 4.1	December 2023	[2.7 MB]
Paragon Active Assurance release 4.0	September 2023	[2.7 MB]

(Continued)

Title	Published	ZIP
Paragon Active Assurance release 3.4	February 2023	[2.8 MB]
Paragon Active Assurance release 3.3	April 2022	[2.9 MB]
Paragon Active Assurance release 3.2	June 2022	[2.6 MB]
Paragon Active Assurance release 3.1	February 2022	[2.5 MB]
Paragon Active Assurance release 3.0	November 2021	[22.4 MB]

Paragon Insights (formerly HealthBot)

Title	Published	ZIP
Paragon Insights release 4.3.0	October 2023	[16 MB]
Paragon Insights release 4.2.2	June 2022	[607 KB]
Paragon Insights release 4.2.0	January 2022	[628 KB]
Paragon Insights release 4.1.0	October 2021	[623 KB]
Paragon Insights release 4.0.0	July 2021	[630 KB]
Paragon Insights release 3.2.0	January 2021	[612 KB]

(Continued)

Title	Published	ZIP
Paragon Insights release 3.1.0	August 2020	[622 KB]
Paragon Insights release 3.0.1	July 2020	[670 KB]
Paragon Insights release 3.0.0	May 2020	[982 KB]
Paragon Insights release 2.1.2	March 2020	[597 KB]
Paragon Insights release 2.1.1	January 2020	[599 KB]
Paragon Insights release 2.1.0	December 2019	[981 KB]

QFX3000-G and QFX3000-M Qfabric Systems Archives

Juniper QFX3000-G and QFX3000-M Qfabric systems have reached end-of-support (EOS). To see EOS details, visit QFX Series Hardware Dates & Milestones.

- To download a zip file of the archived documentation, click QFX3000-G and QFX3000-M Qfabric Systems (468.1 MB).

- To learn more about the latest Juniper QFX series switches, see QFX Series Switches.

SBR Carrier Archives

Juniper Steel-Belted Radius Carrier (SBR) Carrier server has reached end-of-support (EOS).

To download the archived SBR Carrier documentation, click SBR Carrier (53.2 MB).

Session Smart Routers Archives

Some of the Session Smart Routers releases have reached end-of-life (EOL) or end-of-support (EOS).

- To view the latest online documentation, see:

  - Session Smart Router Software

- To download the release notes of the archived releases, select one of the zip files from the table below.

Title	Published	ZIP
SSR 6.0	November 2023	[23.2 MB]
SSR 5.5	November 2023	[28.2 MB]
SSR 5.4	December 2022	[26.8 MB]
SSR 5.3	February 2022	[3.6 MB]
SSR 5.2	November 2021	[8.5 MB]
SSR 5.1	August 2022	[25.5 MB]
SSR 5.0	June 2021	[3.2 MB]
SSR 4.5	April 2021	[19.1 MB]
SSR 4.4	April 2021	[1.6 MB]
SSR 4.3	December 2020	[5.1 MB]
SSR 4.2	October 2020	[6.5 MB]

(Continued)

Title	Published	ZIP
SSR 4.1	July 2020	[8.8 MB]
SSR 4.0	September 2019	[549 KB]

SRC and C Series Archives

SRC and C series have reached end-of-support (EOS). To see EOS details, visit SRC Hardware Dates & Milestones and C Series Hardware Dates & Milestones.

To download the archived SRC and C series documentation, select one of the zip files from the table below.

Title	Published	TAR & ZIP
C Series Hardware Documentation	May 2023	[11.8 MB]
SRC Documentation Release 4.13	May 2023	[49.9 MB]
SRC Documentation Release 4.12	May 2023	[49.3 MB]
SRC Documentation Release 4.11	May 2023	[47.5 MB]
SRC Documentation Release 4.10	May 2023	[51.4 MB]
SRC Documentation Release 4.9	May 2023	[52.3 MB]
SRC Documentation Release 4.8	May 2023	[50.8 MB]
SRC Documentation Release 4.7	May 2023	[62 MB]

(Continued)

Title	Published	TAR & ZIP
SRC Documentation Release 4.6	May 2023	[53.6 MB]
SRC Documentation Release 4.5	May 2023	[79 MB]
SRC Documentation Release 4.4	May 2023	[57.3 MB]
SRC Documentation Release 4.3	May 2023	[43 MB]
SRC Documentation Release 4.2	May 2023	[33.3 MB]
SRC Documentation Release 4.1	May 2023	[64 MB]
SRC Documentation Release 4.0	May 2023	[42.5 MB]
SRC Documentation Release 3.2.x	October 2009	[103 MB]
SRC Documentation Release 3.1.x	April 2009	[187 MB]
SRC Documentation Release 3.0.x	September 2008	[197 MB]
SRC Documentation Release 2.0.x	January 2008	[87 MB]
SRC Documentation Release 1.0.x	June 2007	[81.7 MB]

SRX Series Archives

Some of the SRX Series devices have reached end-of-support (EOS). To see EOS details, visit SRX Series Hardware Dates & Milestones.

- To download a zip file of the archived documentation, click SRX Series Docs Archive (27.2 MB).

- To learn more about the latest Juniper firewall, see SRX Series Firewalls.

SRX "X" and LN Series Archives

SRX "X" and LN series have reached end-of-support (EOS). To see EOS details, visit SRX Series Hardware Dates & Milestones and LN Series Hardware Dates & Milestones.

- To learn more about the latest Juniper firewalls, see SRX Series Firewalls.

- To download the archived documentation for SRX "X" and LN series releases, select one of the zip files from the table below.

Title	Published	ZIP
Junos OS 15.1X49-D80	04/04/2017	[834 MB]
Junos OS 15.1X49-D70	03/09/2017	[786 MB]
Junos OS 15.1X49-D60	03/09/2017	[707 MB]
Junos OS 15.1X49-D40	03/09/2017	[886 MB]
Junos OS 15.1X49-D30	03/09/2017	[891 MB]
Junos OS 15.1X49-D10	03/09/2017	[1,104 MB]
Junos OS 12.3X48	03/09/2017	[1,130 MB]
Junos OS 12.1X46	03/09/2017	[1,206 MB]

T Series Archives

Some of the T Series core routers have reached end-of-support (EOS). To see EOS details, visit T Series Hardware Dates & Milestones.

- To download a zip file of the archived documentation, click T Series Docs Archive (16.2 MB).

- To learn more about the latest Juniper routers, see Routers.

TCA Series Archives

Juniper TCA series have reached end-of-support (EOS). To see EOS details, visit TCA Series Hardware Dates & Milestones.

To download a zip file of the archived documentation, click TCA Series (5 MB).

TCX Series Archives

Juniper TCX series have reached end-of-support (EOS).

- To learn more about the associated software controller and management system for TCX1000 Series optical networks, see proNX Optical Director.

- To download the archived TCX series documentation, click TCX Series (13.8 MB).

Virtual Chassis Fabric Archives

The Juniper Networks Virtual Chassis Fabric (VCF) has reached end-of-support (EOS).

To download the archived VCF documentation, select the zip file from the section below.

Title	Published	ZIP
Virtual Chassis Fabric	May 2024	[10.3 MB]

WANDL IP/MPLSView Archives

Juniper WANDL IP/MPLSView solution has reached end-of-support (EOS). To see EOS details, visit WANDL IP/MPLSView Dates & Milestones.

To download a zip file of the archived documentation, click WANDL IP/MPLSView (64.8 MB).

WebApp Secure Archives

Juniper WebApp Secure software and MWS1000 hardware have reached end-of-support (EOS). To see EOS details, visit WebApp Secure Hardware Dates & Milestones.

- To download a zip file of the archived documentation, click WebApp Secure (46.7 MB).

- To learn more about the latest Juniper security solutions, see Security.

3

CHAPTER

Day One Books

IN THIS CHAPTER

Day One Books Archive

The following Day One books were previously available on the Day One Books site and are now archived. We archive Day One books when the book content has reached a point of limited usefulness, usually because the content is significantly dated or the subject matter has reached End of Life (EOL) or End of Support (EOS) status.

Juniper Networks provides this archive as a courtesy to our customers. We do not officially support the content in archived Day One books.

You can continue to access Day One books from the Day One Books site.

Advanced IPv6 Configuration

This is the second book in the Junos Networking Technologies Series on IPv6. The first book, Exploring IPv6, introduced the basics of configuring an IPv6 enabled LAN: interface addressing, static routes, neighbor discovery, and IGP routing. Now you're ready to complete the configuration and testing tasks to enable BGP routing in your network.

Advanced Junos CoS Troubleshooting Cookbook

In large Enterprise and Service Provider networks, dropped packets can quickly escalate into large scale issues, and to fix these CoS issues you have to know how and where to troubleshoot them. Here are eight Junos CoS issues and the how-to steps to fix them.

Applying Junos Automation

As you work with the Junos® operating system, you will build a knowledge reservoir of best practices and lessons learned, a body of intelligence that can be available 24x7 to help your network run optimally. Junos automation allows you to automate your accumulated intelligence through scripts which automatically control Junos devices according to your desired best practices. This book demonstrates how to implement this inherent potential in the Junos operating system.

Building Containers with Kubernetes and Contrail

Learn Kubernetes fundamentals and understand its integration with Juniper Contrail®. "A must read for anyone exploring how to integrate Contrail's virtual networking into Kubernetes containerized platform.

Configuring Junos Policies and Firewall Filters

This book shows how the savvy network administrator can make unified and robust efficiencies using two similar tools from their Junos toolbox.

Contrail Networking Up and Running With Openstack

Create virtual networks and deploy virtual machines using Contrail Networking by following the instructions and insights of JTAC engineers. It's the perfect Day One book to get you up and out of your routine to build your first cloud.

Data Center Fundamentals

Learn all the basics of data centers, from components to cabling to controllers, and how Juniper products scale that technology. It's day one, and you have a data center to build.

For additional information on the content covered in this archived Day One book, see Data Center Fabric Blueprint Architecture Components.

Deploy Cloud-Native Contrail Networking as a CNI For Kubernetes

This Day One shows you how to deploy CN2 as a container network interface (CNI) in Kubernetes (K8s). Step-by-step you'll learn how to deploy applications and add distributed clusters.

Deploying Basic QoS

This book gives you an overview of Quality of Service (QoS) concepts and then provides tools and techniques from the Junos operating system toolbox to implement a comparatively simple class-of-service configuration. It's a start, it works, and it can be done in your test bed on day one.

Deploying BGP Multicast VPNs, 2nd Edition

This book assumes that the reader has at least some experience with IP/MPLS architectures, including Multiprotocol BGP and IGPs. You are not expected to be an expert in multicast as the basic concepts are revisited in the book, but if you are already familiar with BGP/MPLS IP VPNs, you will find this book easier to read.

Exploring IPv6

When deploying IPv6, you can gain a great advantage by using Juniper Networks high-end routers because IPv6 has been implemented directly in the ASICs (Application-Specific Integrated Circuit). Having IPv6 compatibility in the hardware means that IPv6 packets can be forwarded at line rate – unlike many competing routers.

JSA Up and Running

Administrators wanting SIEM solutions now have a single set of instructions on how to quickly deploy the Juniper Secure Analytics virtual and physical devices. 300 pages. 400+ screen captures. Get up and running in one book.

Juniper Ambassadors' Cookbook for 2014

This second cookbook from the Ambassadors contains eighteen use-case solutions, complete with configurations. From interop tips in mixed-vendor networks, to optimizing network routing, switching, and security performance, you'll find this cookbook useful in the lab as well as in full-production networks.

Juniper Ambassadors' Cookbook for 2017

The Juniper Ambassadors take on some of the top support issues and provide clear-cut solutions and frank discussions on how to keep things running in their new Day One cookbook. The recipes provide quick and tested solutions to everyday networking administration issues.

Juniper Ambassadors' Cookbook for 2018

What's on the minds of the Juniper Ambassadors in 2018? It's EVPN, automating with SaltStack, ELS and the EX Series, GRE Tunnels, VLANs, FBF routing, and more EVPN.

Juniper Ambassadors' Cookbook for 2019

How-to solutions and network recipes by the community dedicated to up and running Juniper reliability. "There's a great mix of traditional CLI-based implementation as well the new world of automation and network reliability engineering.

Juniper Ambassadors' Cookbook for Enterprise

Juniper Ambassadors take on some of the top support issues and provide clear-cut solutions on how to keep things running. From creating an aggregate link between a Juniper and Cisco switch. to connecting two networks using a SRX Series, this book provides solutions to everyday issues.

Junos Automation Reference for SLAX 1.0

This book covers writing SLAX scripts specifically for the Junos operating system. The SLAX language can be used to perform generic XML transformations in other operation systems as well, but the capabilities and caveats discussed in this book are based on the assumption that the SLAX script is being processed as a Junos on-box script and may not apply in those other situations.

Junos Fusion Data Center Up and Running

Everything you need to know to deploy Junos Fusion Data Center: how to architect, manage, and operate it, and how it compares to other fabric technologies. Bridge the gap between theory and production networks today.

Junos Tips, Techniques, and Templates 2011

We went to the Junos user community and asked them for their best and brightest Junos tips and techniques. The result, published here for the first time, is not only a fantastic collection of Junos solutions, but expert annotation and commentary that provides helpful advice on when and how to deploy those solutions.

MACSec Up and Running

Encrypt traffic between devices such as your EX, QFX, PTX, and MX Series platforms with MACsec.

For additional information on the content covered in this archived Day One book, see **Configuring MACSec**.

Mastering Junos Automation Programming

This book provides all the information you need to quickly harness the power of Junos scripting and automation. It teaches the reader SLAX, a friendlier, more concise alternative to XSLT, through clear instruction, countless example scripts, and helpful comparisons to other common programming languages and concepts. All the while the authors provide best practices and valuable tips for overcoming common obstacles when scripting with SLAX.

Migrating EIGRP to OSPF

OSPF is the most ubiquitous IGP in use today by enterprise, government, and education networks because it provides the best blend of knowledgeable engineers, equipment interoperability, and networking scale. So migrating from EIGRP to OSPF isn't a question of why. It's a question of when.

Monitoring and Troubleshooting

This book shows you how to identify the root cause of a variety of problems and advocates a common approach to isolate the problems with a best practice set of questions and tests. It includes the instrumentation to assist in root cause identification and the configuration know-how to solve both common and severe problems before they even begin.

Navigating the Junos XML Hierarchy

This book provides a clear and concise understanding of the XML hierarchy with many examples that help lay a solid foundation about the basics of XML, it's hierarchy, and mechanics. It will expand your thinking about what Junos automation can do for you and how to efficiently apply it in your own organization.

NorthStar Controller Up and Running

The book introduces readers to the Juniper NorthStar Controller by focusing on the discovery and visualization of IP/MPLS networks including the ability to visualize the paths different LSPs take on the network, monitoring the status and utilization of the network in real-time, and, modeling the impact of network changes, among other use cases.

A Packet Walkthrough on the M, MX, and T Series

One of the most exciting advantages of ping is its ability to uncover details of the internal architecture of M/MX/T-Series routers. In this book, ping becomes a tourist guide that takes you on a packet walkthrough and provides you with a new perspective of the device architecture.

QoS for IOS Engineers

Use this book to optimize the QoS functionality of your new network.

Securing the Routing Engine on M, MX, and T Series

Apply the powerful policy tools of Junos essential to protecting your device and your whole network with expert, step-by-step techniques.

Understanding OpenContrail Architecture

This reprint from OpenContrail.org provides an overview of OpenContrail, the Juniper technology that sits at the intersection of networking and open source orchestration projects. The book will help network engineers understand how to leverage emerging SDN technologies, and help developers to begin to create flexible network applications.

Using Ethernet VPNs for Data Center Interconnect

EVPN is a new standards-based technology that addresses the networking challenges presented by interconnected data centers. Follow the POC Labs topology for testing EVPN starting with all the configurations, moving on to verification procedures, and concluding with high availability testing. It's all here for you to learn and duplicate.

Using JSNAP to Automate Network Verifications

To reduce the risks of getting into an unpleasant situation after a change, many engineers have developed procedures and tools to verify their networks. The good news is that there is JSNAP – an automation tool that details pre- and post-verifications.

vMX Up and Running, 2nd Edition

This Day One book on vMX provides a detailed and fun walkthrough of several scenarios, equipping you with a foundation to start building your own networks and labs. It's smart and to the point.

vSRX on KVM

Configure the vSRX in a KVM environment and build lab topologies on day one. "Day One: vSRX on KVM is for network administrators, network architects, or engineers interested in quickly starting to use the Juniper Networks vSRX Virtual Firewall.

For additional information on the content covered in this archived Day One book, see Understand vSRX Virtual Firewall with KVM.