

# End-of-Sale and End-of-Life Announcement for the Cisco ASR 1000 Series 5- and 10-Gbps Embedded Services Processors, ASR 1000 Series Route Processor (RP1), ASR 1000 Series 10Gbps SPA Interface Processor, and ASR 1001 and 1002 Routers

EOL10291 - Amended

Cisco announces the end-of-sale and end-of-life dates for the Cisco ASR 1000 Series 5- and 10-Gbps Embedded Services Processors, ASR 1000 Series Route Processor (RP1), ASR 1000 Series 10Gbps SPA Interface Processor, and ASR 1001 and 1002 Routers. The last day to order the affected product(s) is April 29, 2016. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available under the terms and conditions of customers' service contract.

**Table 1.** End-of-Life Milestones and Dates for the Cisco ASR 1000 Series 5- and 10-Gbps Embedded Services Processors, ASR 1000 Series Route Processor (RP1), ASR 1000 Series 10Gbps SPA Interface Processor, and ASR 1001 and 1002 Routers

Milestone	Definition	Date
<b>End-of-Life Announcement Date</b>	The date the document that announces the end-of-sale and end-of-life of a product is distributed to the general public.	April 30, 2015
<b>End-of-Sale Date</b>	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	April 29, 2016
<b>Last Ship Date: HW</b>	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	July 28, 2016
<b>End of Routine Failure Analysis Date: HW</b>	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	April 29, 2017
<b>End of New Service Attachment Date: HW</b>	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	April 29, 2017
<b>End of Service Contract Renewal Date: HW</b>	The last date to extend or renew a service contract for the product.	July 28, 2020
<b>Last Date of Support: HW</b>	The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete.	April 30, 2021

HW = Hardware    OS SW = Operating System Software    App. SW = Application Software

**Table 2.** Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1000-ESP10	Cisco ASR1000 Embedded Services Processor, 10G	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G	-
ASR1000-ESP10	Cisco ASR1000 Embedded Services Processor, 10G	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1000-ESP10-CB	ASR1000 Embedded Services Processor, 10G, China Special	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G	-
ASR1000-ESP10-CB	ASR1000 Embedded Services Processor, 10G, China Special	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1000-ESP10-N	Cisco ASR1K Embedded Services Processor, 10G, Non Crypto	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G	-
ASR1000-ESP10-N	Cisco ASR1K Embedded Services Processor, 10G, Non Crypto	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1000-ESP10-N=	Cisco ASR1K Embedded Services Processor, 10G, Non Crypto, Spare	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G	-
ASR1000-ESP10-N=	Cisco ASR1K Embedded Services Processor, 10G, Non Crypto, Spare	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1000-ESP10=	Cisco ASR1000 Embedded Services Processor, 10G, Spare	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G	-
ASR1000-ESP10=	Cisco ASR1000 Embedded Services Processor, 10G, Spare	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1000-ESP5	ASR1K Embedded Services Processor, 5Gbps, ASR1002 only	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G	-
ASR1000-ESP5	ASR1K Embedded Services Processor, 5Gbps, ASR1002 only	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1000-ESP5=	ASR1K Embedded Services Processor, 5G, 1002 only, spare	ASR1000-ESP20	Cisco ASR1000 Embedded Services Processor, 20G	-
ASR1000-ESP5=	ASR1K Embedded Services Processor, 5G, 1002 only, spare	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1000-RP1	Cisco ASR1000 Route Processor 1, 4GB DRAM	ASR1000-RP2	Cisco ASR1000 Route Processor 2, 8GB DRAM	-
ASR1000-RP1-BUN	Cisco ASR1000 Route Processor 1, 4GB DRAM, Bundle Component	ASR1000-RP2	Cisco ASR1000 Route Processor 2, 8GB DRAM	-
ASR1000-RP1-CB	ASR1000 Route Processor 1, 4GB DRAM, China Special	ASR1000-RP2	Cisco ASR1000 Route Processor 2, 8GB DRAM	-
ASR1000-RP1=	Cisco ASR1000 Route Processor 1, 4GB DRAM, Spare	ASR1000-RP2=	Cisco ASR1000 Route Processor 2, 8GB DRAM, Spare	-
ASR1000-SIP10	Cisco ASR1000 SPA Interface Processor 10	ASR1000-SIP40	Cisco ASR1000 SPA Interface Processor 40	-
ASR1000-SIP10-BUN	Cisco ASR1000 SPA Interface Processor 10, Bundle Component	ASR1000-SIP40	Cisco ASR1000 SPA Interface Processor 40	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1000-SIP10-CB	ASR1000 SPA Interface Processor 10, China Special	ASR1000-SIP40	Cisco ASR1000 SPA Interface Processor 40	-
ASR1000-SIP10-SB	Cisco ASR1000 SPA Interface Processor 10, I/O Bundle	ASR1000-SIP40-SB	Cisco ASR1000 SPA Interface Processor 40, I/O Bundle	-
ASR1000-SIP10=	Cisco ASR1000 SPA Interface Processor 10, Spare	ASR1000-SIP40=	Cisco ASR1000 SPA Interface Processor 40	-
ASR1001	Cisco ASR1001 System, Crypto, 4 built-in GE, Dual P/S	ASR1001-X	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	-
ASR1001-2.5G-SECK9	Cisco ASR1001 VPN+FW Bundle, 2.5G Base System, AESK9, License	ASR1001X-2.5G-SEC	ASR1001-X, 2.5G, VPN+FW Bundle, K9, AES, Built-in 6x1G	-
ASR1001-2.5G-VPNK9	ASR1001 VPN Bundle, 2.5G Base System, AESK9, IPSec License	ASR1001X-2.5G-VPN	ASR1001-X, 2.5G, VPN Bundle, K9, AES, Built-in 6x1G	-
ASR1001-2XOC3POS	Cisco ASR1001 System, Crypto, 4 built-in GE, OC3 IDC, Dual P/S	ASR1001-X	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	-
ASR1001-2XOC3POS=	Cisco ASR1001 System, 4 built-in GE, OC3 IDC, Dual P/S, Spare	ASR1001-X=	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	-
ASR1001-4X1GE	Cisco ASR1001 System, 4 built-in GE, 4X1GE IDC, Dual P/S	ASR1001-X	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	-
ASR1001-4X1GE=	Cisco ASR1001 System, 4 built-in GE, 4X1GE IDC, Dual P/S	ASR1001-X=	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	-
ASR1001-5G-AES-AX	ASR1001 AX, AVC, AES, 5G, vWAAS, Bundle	ASR1001X-AES-AX	ASR1001X AX, AVC, AES, vWAAS Bundle	-
ASR1001-5G-AIS-AX	ASR1001 AX, AVC, AIS, 5G, vWAAS, Bundle	ASR1001X-AIS-AX	ASR1001X AX, AVC, AIS, vWAAS Bundle	-
ASR1001-5G-SECK9	ASR1001 VPN+FW Bundle, 5G Base System, AESK9, License	ASR1001X-5G-SEC	ASR1001-X, 5G, VPN+FW Bundle, K9, AES, Built-in 6x1G	-
ASR1001-5G-VPNK9	ASR1001 VPN Bundle, 5G Base System, AESK9, IPSec License	ASR1001X-5G-VPN	ASR1001-X, 5G, VPN Bundle, K9, AES, Built-in 6x1G	-
ASR1001-BB4K	ASR1001 Broadband 4K Bundle	ASR1001-X	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	-
ASR1001-PWR-AC	Cisco ASR1001 AC Power Supply	There is currently no replacement product available for this product.	-	-
ASR1001-PWR-AC=	Cisco ASR1001 AC Power Supply, spare	There is currently no replacement product available for this product.	-	-
ASR1001-PWR-DC	Cisco ASR1001 DC Power Supply	There is currently no replacement product available for this product.	-	-
ASR1001-PWR-DC=	Cisco ASR1001 DC Power Supply, spare	There is currently no replacement product available for this product.	-	-
ASR1001=	Cisco ASR1001 System, Crypto, 4 built-in GE, Dual P/S, spare	ASR1001-X=	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1002	Cisco ASR1002 Chassis, 4 built-in GE, Dual P/S, 4GB DRAM	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1002-10G-HA/K9	ASR1002 HA Bundle w/ ESP-10G, AESK9, License, 4GB DRAM	ASR1002X-10G-HA-K9	ASR1002-X, 10G, HA Bundle, K9, AES license	-
ASR1002-10G-SEC/K9	ASR1002 VPN+FW Bundle w/ ESP-10G, AESK9, License, 4GB DRAM	ASR1002X-10G-SECK9	ASR1002-X, 10G, VPN+FW Bundle, K9, AES license	-
ASR1002-10G-SHA/K9	ASR1002 Sec+HA Bundle w/ ESP-10G, AESK9, License, 4GB DRAM	ASR1002X-10G-SHAK9	ASR1002-X, 10G, Sec+HA Bundle, K9, AES license	-
ASR1002-10G-VPN/K9	ASR1002 VPN Bundle w/ ESP-10G, AESK9, License, 4GB DRAM	ASR1002X-10G-VPNK9	ASR1002-X, 10G, VPN Bundle, K9, AES license	-
ASR1002-10G/K9	ASR1002 w/ESP-10G, AESK9, 4GB DRAM	ASR1002X-10G-K9	ASR1002-X, 10G, K9, AES license	-
ASR1002-5G-FPI/K9	ASR1002 FPI Bundle w/ ESP-5G, AESK9, License, 4GB DRAM	ASR1002X-AIS-AX	ASR1002X AX, AVC, AIS, vWAAS Bundle	-
ASR1002-5G-HA/K9	ASR1002 HA Bundle w/ ESP-5G, AESK9, License, 4GB DRAM	ASR1002X-5G-HA-K9	ASR1002-X, 5G, HA Bundle, K9, AES license	-
ASR1002-5G-SEC/K9	ASR1002 VPN+FW Bundle w/ ESP-5G, AESK9, License, 4GB DRAM	ASR1002X-5G-SECK9	ASR1002-X, 5G, VPN+FW Bundle, K9, AES license	-
ASR1002-5G-SHA/K9	ASR1002 Sec+HA Bundle w/ ESP-5G, AESK9, License, 4GB DRAM	ASR1002X-5G-SHAK9	ASR1002-X, 5G, Sec+HA Bundle, K9, AES license	-
ASR1002-5G-VPN/K9	ASR1002 VPN Bundle w/ ESP-5G, AESK9, License, 4GB DRAM	ASR1002X-5G-VPNK9	ASR1002-X, 5G, VPN Bundle, K9, AES license	-
ASR1002-5G/K9	ASR1002 w/ESP-5G, AESK9, 4GB DRAM	ASR1002X-5G-K9	ASR1002-X, 5G, K9, AES license	-
ASR1002-ESP5	ASR1002 w/ ESP-5G, no IOS	ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
ASR1002=	Cisco ASR1002 Chassis, 4 built-in GE, 4GB DRAM, spare	ASR1002-X=	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	-
FLS-ASR1001-5G	Upgrade from 2.5 Gbps to 5Gbps License for ASR 1001	There is currently no replacement product available for this product.	-	-
FLS-ASR1001-5G=	Upgrade from 2.5 Gbps to 5Gbps Paper PAK for ASR 1001	There is currently no replacement product available for this product.	-	-
M-ASR1K-RP1-4GB	Cisco ASR1000 RP1 4GB DRAM	There is currently no replacement product available for this product.	-	-
M-ASR1K-RP1-4GB=	Cisco ASR1000 RP1 4GB DRAM, spare	There is currently no replacement product available for this product.	-	-

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## Product Migration Options

Cisco IOS XE 3.16 will be the last extended-support software release for the products in this announcement. All rebuilds of Cisco IOS XE 3.16 will continue to support these products.

Cisco IOS XE 3.17 will be the last standard-support software release for the products in this announcement. All rebuilds of Cisco IOS XE 3.17 will continue to support these products.

Cisco IOS XE 3.16 and Cisco IOS XE 3.17 will follow the standard IOS XE software support timelines here:

[http://www.cisco.com/c/en/us/products/collateral/routers/asr-1000-series-aggregation-services-routers/product\\_bulletin\\_c25-726436.html](http://www.cisco.com/c/en/us/products/collateral/routers/asr-1000-series-aggregation-services-routers/product_bulletin_c25-726436.html).

Since these products will be supported through all rebuilds of Cisco IOS XE 3.16, the End of Software Maintenance Releases Date for the products will be the same as the End of Software Maintenance Releases Date for Cisco IOS XE 3.16.

Customers are encouraged to migrate to the next generation of Cisco ASR routers and modules, as indicated in Table 2 (ASR1001-X, ASR1002-X, ASR1000-ESP20, ASR1000-RP2, and ASR1000-SIP40). Information about these products can be found at: <http://www.cisco.com/c/en/us/products/routers/asr-1000-series-aggregation-services-routers/index.html>.

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at [http://www.cisco.com/web/partners/incentives\\_and\\_promotions/tmp.html](http://www.cisco.com/web/partners/incentives_and_promotions/tmp.html).

Customers may be able to continue to purchase the Cisco ASR 1000 Series 5- and 10-Gbps Embedded Services Processors, ASR 1000 Series Route Processor (RP1), ASR 1000 Series 10Gbps SPA Interface Processor, and ASR 1001 and 1002 Routers through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: <http://www.cisco.com/go/eos>.

Service prices for Cisco products are subject to change after the product End-of-Sale date.

The Cisco Takeback and Recycle program helps businesses properly dispose of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to:

[http://www.cisco.com/web/about/ac227/ac228/ac231/about\\_cisco\\_takeback\\_recycling.html](http://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html).

## For More Information

For more Information about the next-generation Cisco ASR routers and modules, visit <http://www.cisco.com/c/en/us/products/routers/asr-1000-series-aggregation-services-routers/index.html>, or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to: [http://www.cisco.com/en/US/products/products\\_end-of-life\\_policy.html](http://www.cisco.com/en/US/products/products_end-of-life_policy.html).

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For more information about the Cisco Product Warranties, go to:  
[http://www.cisco.com/en/US/products/prod\\_warranties\\_listing.html](http://www.cisco.com/en/US/products/prod_warranties_listing.html).

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