End-of-Sale and End-of-Life Announcement for the Cisco ASR1001-X, ASR1002-X, ASR1000-6TGE, ASR1000-2T+20X1GE and associated miscellaneous ASR1000 SKUs

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Overview

EOL14624 - Amended

Cisco announces the end-of-sale and end-of-life dates for the Cisco ASR1001-X, ASR1002-X, ASR1000-6TGE, ASR1000-2T+20X1GE and associated miscellaneous ASR1000 SKUs. The last day to order the affected product(s) is August 1, 2022. 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.

The last supported IOS XE release for the products in this bulletin (ASR1001-X, ASR1002-X, ASR1000-6TGE, ASR1000-2T+20X1GE) is IOS XE 17.9. The last supported WAN Manager (formerly vManage) release for ASR1001-X and ASR1002-X is 20.15.

End-of-life milestones

Table 1. End-of-Life Milestones and Dates for the Cisco ASR1001-X, ASR1002-X, ASR1000-6TGE, ASR1000-2T+20X1GE and associated miscellaneous ASR1000 SKUs

Milestone	Definition	Date
End-of-Life Announcement Date	The date the document that announces the end-of-sale and end-of-life of a product is distributed to the general public.	January 31, 2022
End-of-Sale Date: HW,License	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	August 1, 2022
Last Ship Date: HW,License	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	October 30, 2022
End of SW Maintenance Releases Date: HW	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	August 1, 2023
End of Vulnerability/Security Support: HW	The last date that Cisco Engineering may release a planned maintenance release or scheduled software remedy for a security vulnerability issue.	July 31, 2025
End of Routine Failure Analysis Date: HW	The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.	August 1, 2023
End of New Service Attachment Date: HW	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.	August 1, 2023
End of Service Contract Renewal Date: HW	The last date to extend or renew a service contract for the product.	October 27, 2026

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Milestone	Definition	Date
Last Date of Support: HW	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.	July 31, 2027

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

Product part numbers

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
ASR1000-2T+20GE-C	ASR1000 2-port 10GE, 20-port GE Line Card, China Special	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1000-2T+20GE-C=	ASR1000 2-port 10GE, 20-port GE Line Card, China Special	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1000-2T+20X1GE	ASR1000 2-port 10GE, 20-port GE Line Card	EPA-18X1GE	ASR1000 18X1GE EPA	-
ASR1000-2T+20X1GE=	ASR1000 2-port 10GE, 20-port GE Line Card	EPA-18X1GE=	ASR1000 18X1GE EPA	-
ASR1000-6TGE	ASR1000 6 port 10 GE Line Card	EPA-10X10GE	ASR1000 10X10GE Ethernet Port Adapter	-
ASR1000-6TGE++=	ASR1000 6-port 10GE Line Card, TAA, Spare	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1000-6TGE-C	ASR1000 6 port 10 GE Line Card, China Special	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1000-6TGE-C=	ASR1000 6 port 10 GE Line Card, China Special	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1000-6TGE=	ASR1000 6 port 10 GE Line Card	EPA-10X10GE=	ASR1000 10X10GE Ethernet Port Adapter, spare	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1001-X	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	-
ASR1001-X-DNA	Cisco ASR 1001-X Crypto,6GE, Dual-PS with DNA Support	C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	-
ASR1001-X-IWANPM	Cisco ASR1001-X Chassis, 6 built-in GE, Dual P/S, 8GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001-X-PWR-AC	Cisco ASR1001-X AC Power Supply	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001-X-PWR-AC=	Cisco ASR1001-X AC Power Supply	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001-X-PWR-DC	Cisco ASR1001-X DC Power Supply	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001-X-PWR-DC=	Cisco ASR1001-X DC Power Supply	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001-X=	Cisco ASR1001-X Chassis, 6x1GE, Optional P/S, 8GB DRAM	C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	-
ASR1001X ACC KIT	ASR1001X Accessory Kit	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X BIN LICOP	ASR1001-X Built-In 10GE Ports Licenses	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1001X MEM OPT	ASR1001X Route Processor Memory	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X PFRM LIC	ASR1001X Performance Upgrade Licenses	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X PWR CAB	ASR1001X Power Cable Options	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X PWR OPT	ASR1001X Power Supply Options	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X SSD	ASR1001X Solid State Drive	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X SW OPT	ASR1001X Software Version and Type	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-10G-K9	ASR1001-X, 10G Base Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-10G-SEC	ASR1001-X, 10G, VPN+FW Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-10G-VPN	ASR1001-X, 10G, VPN Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1001X-2.5G-K9	ASR1001-X, 2.5G Base Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-2.5G-SEC	ASR1001-X, 2.5G, VPN+FW Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-2.5G-VPN	ASR1001-X, 2.5G, VPN Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-20G-K9	ASR1001-X, 20G Base Bundle, K9, AES, Built-in 6x1G, 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-20G-SEC	ASR1001-X, 20G, VPN+FW Bundle, K9, AES, Built-in 6x1G, 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-20G-VPN	ASR1001-X, 20G, VPN Bundle, K9, AES, Built-in 6x1G, 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-5G-K9	ASR1001-X, 5G Base Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-5G-SEC	ASR1001-X, 5G, VPN+FW Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-5G-VPN	ASR1001-X, 5G, VPN Bundle, K9, AES, Built-in 6x1G	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1001X-ACS	Cisco ASR1001-X Accessory Kit	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-ACS=	Cisco ASR1001-X Accessory Kit	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-AES-AX	ASR1001X AX, AVC, AES, vWAAS Bundle	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-AIS-AX	ASR1001X AX, AVC, AIS, vWAAS Bundle	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1001X-DNA	ASR1001-X Platform for DNA	C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	-
ASR1001X-DNA-PF	ASR1001-X Platform Selection for DNA	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-PWR-AC	Cisco ASR1002 AC Power Supply	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-PWR-AC=	Cisco ASR1002 AC Power Supply,Spare	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-PWR-BLANK	Blank Cover ASR1002 Power Supply	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-PWR-BLANK=	Blank Cover ASR1002 Power Supply,spare	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1002-PWR-DC	Cisco ASR1002 DC Power Supply	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-PWR-DC=	Cisco ASR1002 DC Power Supply,Spare	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	C8500-12X	Cisco Catalyst 8500-12X Edge Platform	-
ASR1002-X	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	-
ASR1002-X-DNA	Cisco ASR 1002-X crypto, 6 GE, Dual PS with DNA Support	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-X-IWANPM	Cisco ASR1002-X Chassis, 6 built-in GE, Dual P/S, 4GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002-X=	Cisco ASR1002-X Chassis, 6x1GE, optional P/S, 4GB DRAM	C8500-12X	Cisco Catalyst 8500-12X Edge Platform	-
ASR1002-X=	Cisco ASR1002-X Chassis, 6x1GE, optional P/S, 4GB DRAM	C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	-
ASR1002X ACCESSORY	ACCESSORIES FOR ASR1002X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X DISKDRIVE	ASR1002-X Hard Disk Drive	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1002X MANSERSW	ASR1002-X Managed Services Software	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X MEM OPT	ASR1002-X Route Processor Memory	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X PFRM LIC	Performance Upgrade Licenses	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X SW LIC	ASR1002-X Software and Licenses	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X SW OPT	ASR1002X Software Version and Type	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X TECH PKG	Technology Package Licenses	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-10G-HA-K9	ASR1002-X, 10G, HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-10G-K9	ASR1002-X, 10G, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-10G-SECK9	ASR1002-X, 10G, VPN+FW Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1002X-10G-SHAK9	ASR1002-X, 10G, Sec+HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-10G-VPNK9	ASR1002-X, 10G, VPN Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-20G-HA-K9	ASR1002-X, 20G, HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-20G-K9	ASR1002-X, 20G, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-20G-SECK9	ASR1002-X, 20G, VPN+FW Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-20G-SHAK9	ASR1002-X, 20G, Sec+HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-20G-VPNK9	ASR1002-X, 20G, VPN Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-36G-HA-K9	ASR1002-X, 36G, HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-36G-K9	ASR1002-X, 36G, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1002X-36G-NB	ASR1002-X Bundle with 2x10GE, 6x1GE I/O, 36G, IPBase License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-36G-SECK9	ASR1002-X, 36G, VPN+FW Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-36G-SHAK9	ASR1002-X, 36G, Sec+HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-36G-VPNK9	ASR1002-X, 36G, VPN Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-5G-HA-K9	ASR1002-X, 5G, HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-5G-K9	ASR1002-X, 5G, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-5G-SECK9	ASR1002-X, 5G, VPN+FW Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-5G-SHAK9	ASR1002-X, 5G, Sec+HA Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-5G-VPNK9	ASR1002-X, 5G, VPN Bundle, K9, AES license	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1002X-ACS	Cisco ASR1002-X Accessory Kit	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-ACS=	Cisco ASR 1002-X Accessory Kit, Spare	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-AES-AX	ASR1002X AX, AVC, AES, vWAAS Bundle	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-AIS-AX	ASR1002X AX, AVC, AIS, vWAAS Bundle	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-CB	ASR1002-X Chassis, 6 built-in GE, Dual P/S, China Special	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-DNA	ASR1002-X Platfrom Selection for SDWAN	C8500-12X	Cisco Catalyst 8500-12X Edge Platform	-
ASR1002X-DNA	ASR1002-X Platfrom Selection for SDWAN	C8500L-8S4X	Cisco Catalyst 8500 Series 4x SFP+ and 8x SFP, 4x10GE, 8x1GE	-
ASR1002X-HD-BLANK	Blank Cover for ASR1002-X HDD	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-HD-BLANK=	Blank Cover for ASR1002-X HDD	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002X-SB	ASR1002-X Special Bundle	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
ASR1002XIMGONLY	Image - no SSH and no encryption	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002XIMGWSSAC3J	Image - with SSH	See the Product Migration Options section below for detailed information on replacing this product.	-	-
ASR1002XIMGWSSH	Image - with SSH	See the Product Migration Options section below for detailed information on replacing this product.	-	-
C1-ASR1001-X/K9	Cisco ONE - ASR1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
C1-ASR1002-X/K9	Cisco ONE - ASR1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1001X-16GB	Cisco ASR1001-X 16GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1001X-16GB=	Cisco ASR1001-X 16GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1001X-8GB	Cisco ASR1001-X 8GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1001X-8GB=	Cisco ASR1001-X 8GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
M-ASR1002X-16GB	Cisco ASR1002-X 16GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1002X-16GB=	Cisco ASR1002-X 16GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1002X-4GB	Cisco ASR1002-X 4GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1002X-4GB=	Cisco ASR1002-X 4GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1002X-8GB	Cisco ASR1002-X 8GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
M-ASR1002X-8GB=	Cisco ASR1002-X 8GB DRAM	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MASR1002X-HD-320G	Cisco ASR1002-X 320GB HDD	See the Product Migration Options section below for detailed information on replacing this product.	-	-
MASR1002X-HD-320G=	Cisco ASR1002-X 320GB HDD	See the Product Migration Options section below for detailed information on replacing this product.	-	-
SPA-1CHOC3-CE-ATM	1 Port Channelized OC3/STM-1 ATM and Circuit Emulation SPA	There is currently no replacement product available for this product.	-	-
SPA-1CHOC3-CE-ATM=	1 Port Channelized OC3/STM-1 ATM and Circuit Emulation SPA	There is currently no replacement product available for this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
SPA-1CHOC3-CE-ATMW	1 Port OC3 SPA with CeOPS and ATM	There is currently no replacement product available for this product.	-	-
SPA-1XOC12-POS-V2	SPA-2XOC12-POS with a license to use 1 port	There is currently no replacement product available for this product.	-	-
SPA-1XOC12-POS-V2=	SPA-2XOC12-POS spare with a license to use 1 port	There is currently no replacement product available for this product.	-	-
SPA-2XOC12-POS	2-port OC12/STM4 POS Shared Port Adapters	There is currently no replacement product available for this product.	-	-
SPA-2XOC12-POS=	2-port OC12/STM4 POS Shared Port Adapters	There is currently no replacement product available for this product.	-	-
SPA-2XOC3-POS-V2	SPA-4XOC3-POS-V2 with a license to use 2 ports	There is currently no replacement product available for this product.	-	-
SPA-2XOC3-POS-V2=	SPA-4XOC3-POS-V2 spare with a license to use 2 ports	There is currently no replacement product available for this product.	-	-
SPA-4XOC12-POS	4-port OC-12/STM-4 POS Shared Port Adapters	There is currently no replacement product available for this product.	-	-
SPA-4XOC12-POS=	4-port OC-12/STM-4 POS Shared Port Adapters	There is currently no replacement product available for this product.	-	-
SPA-4XOC3-POS-C2	4-port OC3/STM1 POS SPA VERSION 2, China Special	There is currently no replacement product available for this product.	-	-
SPA-4XOC3-POS-C2=	4-port OC3/STM1 POS SPA VERSION 2, China Special	There is currently no replacement product available for this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
SPA-4XOC3-POS-V2	4-port OC-3/STM-1 POS Shared Port Adapters	There is currently no replacement product available for this product.	-	-
SPA-4XOC3-POS-V2=	4-port OC-3/STM-1 POS Shared Port Adapters	There is currently no replacement product available for this product.	-	-
SPA-CHOC3-CE-2PK=	2 Pack ChOC3 CEoP SPA Bundle	There is currently no replacement product available for this product.	-	-
FLSA1-1X-10-20G	10G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-10-20G=	10G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-2.5-10G	2.5G to 10Gbps upgrade License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-2.5-10G=	2.5G to 10Gbps upgrade License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-2.5-20G	2.5G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-2.5-20G=	2.5G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-2.5-5G	2.5G to 5Gbps License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
FLSA1-1X-2.5-5G=	2.5G to 5Gbps License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-5-10G=	5G to 10Gbps License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-5-20G	5G to 20Gbps License for ASR 1001-X, Built-in 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-1X-5-20G=	5G to 20Gbps License for ASR 1001-X, Built-in 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-2X-5-10G	Upgrade from 5 Gbps to 10Gbps License for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-2X-5-10G-CB	Upgrade from 5 to 10Gbps License, ASR 1002-X, China Special	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-2X-5-20G	Upgrade from 5 Gbps to 20Gbps License for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-2X-5-36G	Upgrade from 5 Gbps to 36Gbps License for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-2X-IPS4G	IPSEC License for ASR1002-X 4G crypto BW	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
FLSA1-BIN-1X10GE	ASR1001-X Built-In 10GE 1-port License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-BIN-1X10GE=	ASR1001-X Built-In 10GE 1-port License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSA1-BIN-2X10GE-P	ASR1001-X Built-In 10GE 2-port License	See the Product Migration Options section below for detailed information on replacing this product.	-	-
FLSASR1-IPSEC	IPSEC License for ASR1000 Series	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLA1-1X-10-20G=	10G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLA1-1X-2.5-10G=	2.5G to 10Gbps upgrade License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLA1-1X-2.5-20G=	2.5G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLA1-1X-2.5-5G=	2.5G to 5Gbps License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLA1-1X-5-10G=	5G to 10Gbps upgrade License for ASR 1001-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
L-FLA1-1X-5-20G=	5G to 20Gbps upgrade License for ASR 1001-X, Built-in 2x10G	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLA1-BIN-1X10GE=	ASR1001-X Built-In 10GE 1-port License, E-Delivery	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLSA1-2X-10-20G=	Upgrade from 10 Gbps to 20Gbps E-Delivery PAK for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLSA1-2X-10-36G=	Upgrade from 10Gbps to 36Gbps E-Delivery PAK for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLSA1-2X-20-36G=	Upgrade from 20Gbps to 36Gbps E-Delivery PAK for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLSA1-2X-5-10G=	Upgrade from 5 Gbps to 10Gbps E-Delivery PAK for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLSA1-2X-5-20G=	Upgrade from 5 Gbps to 20Gbps E-Delivery PAK for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLSA1-2X-5-36G=	Upgrade from 5 Gbps to 36Gbps E-Delivery PAK for ASR 1002-X	See the Product Migration Options section below for detailed information on replacing this product.	-	-
L-FLSA1-2X-IPS4G=	IPSEC E-Delivery PAK for ASR1002-X 4G Crypto BW	See the Product Migration Options section below for detailed information on replacing this product.	-	-

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End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
L-FLSASR1-IPSEC=	IPSEC E-Delivery PAK for ASR1000 Series	See the Product Migration Options section below for detailed information on replacing this product.	-	-
SL-ASR1001X-NA	Network Advantage License for Cisco ASR1001X-DNA	See the Product Migration Options section below for detailed information on replacing this product.	-	-
SL-ASR1002X-NA	Network Advantage License for Cisco ASR1002X-DNA	See the Product Migration Options section below for detailed information on replacing this product.	-	-

Product migration options

The last supported IOS XE release for the products in this bulletin (ASR1001-X, ASR1002-X, ASR1000-6TGE, ASR1000-2T+20X1GE) is IOS XE 17.9. The last supported WAN Manager (formerly vManage) release for ASR1001-X and ASR1002-X is 20.15.

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: https://www.cisco.com/web/partners/incentives_and_promotions/tmp.html.

Customers may be able to continue to purchase the Cisco ASR1001-X, ASR1002-X, ASR1000-6TGE, ASR1000-2T+20X1GE and associated miscellaneous ASR1000 SKUs through the Cisco Refresh (certified remanufactured) program. Remanufactured 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 Refresh program, go to: https://www.cisco.com/c/en/us/products/remanufactured.html.

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: https://www.cisco.com/c/en/us/about/takeback-and-reuse/product-recycling.html.

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For more information

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For more information about the Cisco Product Warranties, go to: https://www.cisco.com/c/en/us/products/warranty-listing.html.

To subscribe to receive end-of-life/end-of-sale information, go to: https://cway.cisco.com/mynotifications.

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