

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.

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 |

| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|--|------------------------|
| 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 | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|--|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|---|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|--|------------------------|
| 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. | - | - |
| ASR1002-PWR-DC | Cisco ASR1002 DC Power Supply | See the Product Migration Options section below for detailed information on replacing this product. | - | - |

| 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,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. | - | - |

| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|---|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|--|------------------------|
| ASR1002X-DNA | ASR1002-X Platform Selection for SDWAN | C8500-12X | Cisco Catalyst 8500-12X Edge Platform | - |
| ASR1002X-DNA | ASR1002-X Platform 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|---------------------------|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |

| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 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. | - | - |
| 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. | - | - |

| End-of-Sale Product Part Number | Product Description | Replacement Product Part Number | Replacement Product Description | Additional Information |
|---------------------------------|---|---|---------------------------------|------------------------|
| 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. | - | - |
| 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 C8500L-8S4X or C8500-12X and associated software/licenses are the recommended migration path. The last supported release for IOS XE is 17.9 and vManage release up to 20.15. The last supported release for the ASR1001-X and ASR1002-X and associated hardware is also 17.9 with the “Last Date of Support” for Rel. 17.9 extended to July 31, 2027, same as the ASR1001-X and ASR1002-X hardware, plus associated hardware.

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 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: <https://www.cisco.com/go/eos>.

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/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html.

For more information

For more information about the Cisco End-of-Life Policy, go to: <https://www.cisco.com/c/en/us/products/eos-eol-policy.html>.

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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