

## End-of-Sale and End-of-Life Announcement for the Cisco 10000 Series Routers Software Licenses

EOL7294

Cisco announces the end-of-sale and end-of-life dates for the Cisco 10000 Series Routers Software Licenses. The last day to order the affected product(s) is May 30, 2012. 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 until the termination date of the contract, even if this date exceeds the Last Date of Support shown in Table 1.

**Table 1.** End-of-Life Milestones and Dates for the Cisco 10000 Series Routers Software Licenses

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.	May 31, 2011
<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.	May 30, 2012
<b>Last Ship Date: OS SW</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.	August 29, 2012
<b>End of SW Maintenance Releases Date: OS SW</b>	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.	May 30, 2015
<b>End of New Service Attachment Date: OS SW</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.	May 30, 2013
<b>End of Service Contract Renewal Date: OS SW</b>	The last date to extend or renew a service contract for the product.	August 28, 2016
<b>Last Date of Support:</b>	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	May 31, 2017

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
FL-ESR-BUS-16-32	Cisco 10000 Series BB USER SERVICES UPGRADE 16K-32K
FL-ESR-BUS-16-32=	Cisco 10000 Series BB USER SERVICES UPGRADE 16K-32K
FL-ESR-BUS-16-48	Cisco 10000 Series BB USER SERVICES UPGRADE 16K-48K
FL-ESR-BUS-16-48=	Cisco 10000 Series BB USER SERVICES UPGRADE 16K-48K
FL-ESR-BUS-16-62	Cisco 10000 Series BB USER SERVICES UPGRADE 16K-61.5K
FL-ESR-BUS-16-62=	Cisco 10000 Series BB USER SERVICES UPGRADE 16K-61.5K
FL-ESR-BUS-32-48	Cisco 10000 Series BB USER SERVICES UPGRADE 32K-48K
FL-ESR-BUS-32-48=	Cisco 10000 Series BB USER SERVICES UPGRADE 32K-48K
FL-ESR-BUS-32-62	Cisco 10000 Series BB USER SERVICES UPGRADE 32K-61.5K
FL-ESR-BUS-32-62=	Cisco 10000 Series BB USER SERVICES UPGRADE 32K-61.5K
FL-ESR-BUS-48-62	Cisco 10000 Series BB USER SERVICES UPGRADE 48K-61.5K

End-of-Sale Product Part Number	Product Description
FL-ESR-BUS-48-62=	Cisco 10000 Series BB USER SERVICES UPGRADE 48K-61.5K
FL-ESR-BUS-8-16	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-16K
FL-ESR-BUS-8-16=	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-16K
FL-ESR-BUS-8-32	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-32K
FL-ESR-BUS-8-32=	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-32K
FL-ESR-BUS-8-48	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-48K
FL-ESR-BUS-8-48=	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-48K
FL-ESR-BUS-8-62	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-61.5K
FL-ESR-BUS-8-62=	Cisco 10000 Series BB USER SERVICES UPGRADE 8K-61.5K
FL-ESR-ISG	Cisco 10000 Series ISG Feature License
FL-ESR-ISG=	Cisco 10000 Series ISG Feature License
S103K91Z-12231SB	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K91Z-12231SB=	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K91Z-12233SB	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K91Z-12233SB=	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K91Z-12234SB	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K91Z-12234SB=	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K9U-12233XNE	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9U-12233XNE=	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9U-15001S	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9U-15001S=	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9Z-12233XNE	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K9Z-12233XNE=	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K9Z-15001S	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K9Z-15001S=	Cisco 10K PRE3 IOS UPTO 8K SUBSCRIBERS W/3DES
S103K9ZU-12231SB	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9ZU-12231SB=	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9ZU-12233SB	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9ZU-12233SB=	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9ZU-12234SB	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103K9ZU-12234SB=	Cisco 10K PRE3 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S103Z11-12231SB	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11-12231SB=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11-12233SB	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11-12233SB=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11-12234SB	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11-12234SB=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11-15001S	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11-15001S=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS
S103Z11AB-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K
S103Z11AB-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K
S103Z11AB-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K
S103Z11AB-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K
S103Z11AB-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K
S103Z11AB-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K

End-of-Sale Product Part Number	Product Description
S103Z11AC-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103Z11AC-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103Z11AC-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103Z11AC-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103Z11AC-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103Z11AC-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103Z11AD-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103Z11AD-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103Z11AD-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103Z11AD-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103Z11AD-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103Z11AD-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103Z11AE-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103Z11AE-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103Z11AE-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103Z11AE-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103Z11AE-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103Z11AE-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103Z11B-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-15001S	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11B-15001S=	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z11BC-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103Z11BC-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103Z11BC-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103Z11BC-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103Z11BC-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103Z11BC-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103Z11BD-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103Z11BD-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103Z11BD-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103Z11BD-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103Z11BD-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103Z11BD-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103Z11BE-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S103Z11BE-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S103Z11BE-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S103Z11BE-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S103Z11BE-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K

End-of-Sale Product Part Number	Product Description
S103Z11BE-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S103Z11C-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-15001S	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11C-15001S=	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z11CD-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103Z11CD-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103Z11CD-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103Z11CD-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103Z11CD-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103Z11CD-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103Z11CE-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103Z11CE-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103Z11CE-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103Z11CE-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103Z11CE-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103Z11CE-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103Z11D-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-15001S	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11D-15001S=	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z11DE-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S103Z11DE-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S103Z11DE-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S103Z11DE-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S103Z11DE-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S103Z11DE-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S103Z11E-12231SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-12231SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-12233SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-12233SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K

End-of-Sale Product Part Number	Product Description
S103Z11E-12234SB	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-12234SB=	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-15001S	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11E-15001S=	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z11U-12231SB	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z11U-12231SB=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z11U-12233SB	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z11U-12233SB=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z11U-12234SB	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z11U-12234SB=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z1B-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z1B-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 16K
S103Z1C-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z1C-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 32K
S103Z1D-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z1D-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 48K
S103Z1E-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z1E-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER 61.5K
S103Z1U-12233XNE	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z1U-12233XNE=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z1U-15001S	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103Z1U-15001S=	Cisco 10K PRE3 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S103ZAB-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K
S103ZAB-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-16K
S103ZAC-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103ZAC-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-32K
S103ZAD-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103ZAD-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-48K
S103ZAE-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103ZAE-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S103ZBC-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103ZBC-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-32K
S103ZBD-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103ZBD-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-48K
S103ZBE-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S103ZBE-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S103ZCD-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103ZCD-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-48K
S103ZCE-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103ZCE-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S103ZDE-12233XNE	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S103ZDE-12233XNE=	Cisco 10K PRE3 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S104K9	S104K9 - Security Encryption
S104K91Z-12233SB	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES
S104K91Z-12233SB=	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES

End-of-Sale Product Part Number	Product Description
S104K91Z-12234SB	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES
S104K91Z-12234SB=	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES
S104K9U-12233XNE	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104K9U-12233XNE=	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104K9U-15001S	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104K9U-15001S=	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104K9Z-12233XNE	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES
S104K9Z-12233XNE=	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES
S104K9Z-15001S	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES
S104K9Z-15001S=	Cisco 10K PRE4 IOS UPTO 8K SUBSCRIBERS W/3DES
S104K9ZU-12233SB	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104K9ZU-12233SB=	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104K9ZU-12234SB	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104K9ZU-12234SB=	Cisco 10K PRE4 IOS UP TO 8K SUBS W/LAWFUL INTERCEPT 3DES
S104Z11	S104Z11 - Broadband
S104Z11-12233SB	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS
S104Z11-12233SB=	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS
S104Z11-12234SB	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS
S104Z11-12234SB=	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS
S104Z11-15001S	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS
S104Z11-15001S=	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS
S104Z11AB-12233SB	Cisco 10K PRE4 IOS ROADBAND ROUTER UPGRADE 8K-16K
S104Z11AB-12233SB=	Cisco 10K PRE4 IOS ROADBAND ROUTER UPGRADE 8K-16K
S104Z11AB-12234SB	Cisco 10K PRE4 IOS ROADBAND ROUTER UPGRADE 8K-16K
S104Z11AB-12234SB=	Cisco 10K PRE4 IOS ROADBAND ROUTER UPGRADE 8K-16K
S104Z11AC-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-32K
S104Z11AC-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-32K
S104Z11AC-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-32K
S104Z11AC-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-32K
S104Z11AD-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-48K
S104Z11AD-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-48K
S104Z11AD-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-48K
S104Z11AD-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-48K
S104Z11AE-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S104Z11AE-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S104Z11AE-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S104Z11AE-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S104Z11B-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z11B-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z11B-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z11B-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z11B-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z11B-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z11B-15001S	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z11B-15001S=	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K

End-of-Sale Product Part Number	Product Description
S104Z11BC-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-32K
S104Z11BC-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-32K
S104Z11BC-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-32K
S104Z11BC-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-32K
S104Z11BD-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-48K
S104Z11BD-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-48K
S104Z11BD-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-48K
S104Z11BD-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-48K
S104Z11BE-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S104Z11BE-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S104Z11BE-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S104Z11BE-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S104Z11C-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11C-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11C-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11C-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11C-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11C-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11C-15001S	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11C-15001S=	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z11CD-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-48K
S104Z11CD-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-48K
S104Z11CD-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-48K
S104Z11CD-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-48K
S104Z11CE-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S104Z11CE-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S104Z11CE-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S104Z11CE-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S104Z11D-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11D-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11D-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11D-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11D-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11D-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11D-15001S	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11D-15001S=	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z11DE-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S104Z11DE-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S104Z11DE-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S104Z11DE-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S104Z11E-12233SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z11E-12233SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z11E-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z11E-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z11E-12234SB	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K



End-of-Sale Product Part Number	Product Description
S104Z11E-12234SB=	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z11E-15001S	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z11E-15001S=	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z11U-12233SB	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104Z11U-12233SB=	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104Z11U-12234SB	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104Z11U-12234SB=	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104Z1B-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z1B-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 16K
S104Z1C-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z1C-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 32K
S104Z1D-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z1D-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 48K
S104Z1E-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z1E-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER 61.5K
S104Z1U-12233XNE	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104Z1U-12233XNE=	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104Z1U-15001S	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104Z1U-15001S=	Cisco 10K PRE4 IOS UP TO 8K SUBSCRIBERS W/LAWFUL INTERCEPT
S104ZAB-12233XNE	Cisco 10K PRE4 IOS ROADBAND ROUTER UPGRADE 8K-16K
S104ZAB-12233XNE=	Cisco 10K PRE4 IOS ROADBAND ROUTER UPGRADE 8K-16K
S104ZAC-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-32K
S104ZAC-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-32K
S104ZAD-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-48K
S104ZAD-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-48K
S104ZAE-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S104ZAE-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 8K-61.5K
S104ZBC-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-32K
S104ZBC-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-32K
S104ZBD-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-48K
S104ZBD-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-48K
S104ZBE-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S104ZBE-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 16K-61.5K
S104ZCD-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-48K
S104ZCD-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-48K
S104ZCE-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S104ZCE-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 32K-61.5K
S104ZDE-12233XNE	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 48K-61.5K
S104ZDE-12233XNE=	Cisco 10K PRE4 IOS BROADBAND ROUTER UPGRADE 48K-61.5K



## Product Migration Options

There is no replacement available for the Cisco 10000 Series Routers Software Licenses at this time.

Customers are encouraged to migrate to the Cisco ASR 1000 Series Aggregation Services Routers. Information about this product can be found at: <http://www.cisco.com/en/US/products/ps9343/index.html>.

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

The Cisco Takeback and Recycle program helps businesses dispose properly 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 Cisco ASR 1000 Series Aggregation Services Routers, visit <http://www.cisco.com/en/US/products/ps9343/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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