New Part Numbers for Cisco SRE Service Modules

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Starting August 2011, Cisco® Services-Ready Engine (SRE) Service Modules will be updated with a faster hard disk drive (HDD). The height of the new drive has increased from 9.5 mm to 15 mm, preventing field replacement and Redundant Array of Independent Disk (RAID) hot-swapping on the existing Cisco SRE 700 and SRE 900 modules. Therefore, new Cisco SRE 710 and SRE 910 part numbers will be introduced to accommodate the new, faster drive.

Cisco SRE 710 and SRE 910

Table 1 lists hard disk drive configuration for Cisco SRE Service Modules.

Table 1.   Cisco SRE Service Module Hard Disk Drive Specifications

Cisco SRE	Part Number	Capacity	Type	Speed (rpm)	Drives	RAID	Height (mm)	Modularity
SRE 700	SM-SRE-700-K9	500 GB	SATA	5400	1	None	9.5	Field-replaceable
SRE 900	SM-SRE-900-K9	1 TB	SATA	5400	2	0,1	9.5	Field-replaceable Hot-swap
SRE 710	SM-SRE-710-K9	500 GB	SATA	7200	1	None	15	Field-replaceable
SRE 910	SM-SRE-910-K9	1 TB	SATA	7200	2	0,1	15	Field-replaceable Hot-swap

The 7200-rpm hard disk drive is 15 mm high, preventing interchange of spare new drives with the existing 9.5-mm drives for field-replacement and RAID hot-swapping purposes. For this reason new Cisco SRE 710 and SRE 910 part numbers have been introduced. The height and speed of the hard disk drive is the only difference between Cisco SRE 700 and SRE 710 and SRE 900 and SRE 910.

In addition, a new spare hard disk drive part number for the Cisco SRE 710 and SRE 910 will be introduced. Table 2 lists spare hard disk drive part numbers for the Cisco SRE Service Modules.

Table 2.   Spare Hard Disk Drives for Cisco SRE Service Modules

Cisco SRE	Spare Hard Disk Drive	Spare Hard Disk Drive Part Number
SM-SRE-700-K9 SM-SRE-900-K9	500 GB, 5400-rpm SATA	SM-DSK-SATA-500GB=
SM-SRE-710-K9 SM-SRE-910-K9	500 GB, 7200-rpm SATA	SM-HDD-SATA-500GB=

The Cisco SRE 700 and SRE 900 will continue to be sold and supported until further notice.

Cisco IOS Software Requirements

Table 3 lists the minimum Cisco IOS® Software release for Cisco SRE service modules. Note that some Cisco SRE applications require as a minimum Cisco IOS Software Release 15.1(4)M, and therefore this release is the recommended release for the Cisco SRE 700 and SRE 900.

Table 3.   Cisco IOS Software Requirements for the Cisco SRE Service Modules

Cisco SRE	Part Number	Minimum Cisco IOS Software Release	Recommended Cisco IOS Software Release
SRE 700	SM-SRE-700-K9	15.0(1)M	15.1(4)M or later
SRE 900	SM-SRE-900-K9	15.0(1)M	15.1(4)M or later
SRE 710	SM-SRE-710-K9	15.1(4)M	15.1(4)M or later
SRE 910	SM-SRE-910-K9	15.1(4)M	15.1(4)M or later

Application Software Support

Some older versions of Cisco SRE applications are not supported on the Cisco SRE 710 and SRE 910. Table 4 lists the minimum release number for supported applications.

Table 4.   Minimum Application Software Release Number for Cisco SRE 710 and SRE 910

Software Application	Minimum Release Number
Cisco Application Extension Platform (AXP)	1.6.1 and later
Cisco Unity® Express	8.6.1 and later
Cisco Survivable Remote Site Voicemail (SRSV)	8.6.1 and later
Cisco Unified SIP Proxy (USP)	8.5.1 and later
Cisco Unified Messaging Gateway (UMG)	8.6.1 and later
Cisco Unified Computing System™ Express (UCS Express)	1.0.1 and later
Cisco Wireless LAN Controller (WLC)	7.0 and later
Cisco Prime™ Network Analysis Module (NAM)	5.1 and later
Cisco Wide Area Application Services (WAAS)	4.4.3 and later

Ordering Information

Table 5 lists the new part numbers.

Table 5.   Ordering Part Numbers for Cisco SRE 710 and SRE 910 Modules

Part Number	Description
SM-SRE-710-K9	Cisco SRE 710 with 4 GB RAM, 500 GB 7,200 rpm HDD, single-core CPU configured with Cisco ISR G2
SM-SRE-710-K9=	Cisco SRE 710 service module spare
SM-SRE-710-BUN-K9	Cisco SRE 710 service module configured in Cisco ISR G2 bundle
SM-SRE-910-K9	Cisco SRE 910 with 4-8 GB RAM, 2x 500 GB 7,200 rpm HDD, RAID 0/1, dual-core CPU configured with Cisco ISR G2
SM-SRE-910-K9=	Cisco SRE 910 service module spare
SM-SRE-910-BUN-K9	Cisco SRE 910 service module configured in Cisco ISR G2 bundle
SM-HDD-SATA-500GB=	Spare hard disk drive for Cisco SRE 710 and SRE 910

All Cisco Integrated Services Routers Generation 2 (ISR G2) bundles that contain the Cisco SRE 700 Service Module have been updated to provide an option to select either the Cisco SRE 700 or SRE 710. Similarly, all Cisco ISR G2 bundles that contain the Cisco SRE 900 Service Module have been updated to provide an option to select either the Cisco SRE 900 or SRE 910. Table 6 lists all Cisco ISR G2 routers that include the Cisco SRE Service Modules.

Table 6.   Cisco ISR G2 Bundles with Cisco SRE Service Modules

Ordering SKU	Description
C1941-SEC-SRE/K9	Cisco 1941,SRE 300, and SEC license PAK bundle
C2901-VSEC-SRE/K9	Cisco 2901, SRE 300, PVDM3-16, UC and SEC License PAK bundle
C2911-VSEC-SRE/K9	Cisco 2911, SRE 300, PVDM3-16, UC and SEC License PAK bundle
C2921-VSEC-SRE/K9	Cisco 2921, SRE 700 or SRE 710, PVDM3-32, UC and SEC License PAK bundle
C2951-VSEC-SRE/K9	Cisco 2951, SRE 700 or SRE 710, PVDM3-32, UC and SEC License PAK bundle
C2911-VSEC-PSRE/K9	Cisco 2911, SRE 910, PVDM3-16, UC and SEC License PAK bundle
C2921-VSEC-PSRE/K9	Cisco 2921, SRE 910, PVDM3-32, UC and SEC License PAK bundle
C2951-VSEC-PSRE/K9	Cisco 2951, SRE 910, PVDM3-32, UC and SEC License PAK bundle
C3925-VSEC-SRE/K9	Cisco 3925, SRE 700 or SRE 710, PVDM3-64, UC and SEC License PAK bundle
C3945-VSEC-SRE/K9	Cisco 3945, SRE 700 or SRE 710, PVDM3-64, UC and SEC License PAK bundle
C3925-VSEC-PSRE/K9	Cisco 3925, SRE 900 or SRE 910, PVDM3-64, UC and SEC License PAK bundle
C3945-VSEC-PSRE/K9	Cisco 3945, SRE 900 or SRE 910, PVDM3-64, UC and SEC License PAK bundle
C3925E-VSEC-SRE/K9	Cisco 3925, SRE 900 or SRE 910, PVDM3-64, UC and SEC License PAK bundle
C3945E-VSEC-SRE/K9	Cisco 3945, SRE 900 or SRE 910, PVDM3-64, UC and SEC License PAK bundle
C2911-WAAS-SEC/K9	Cisco 2911, SRE 700 or SRE 710, Sec PAK, WAAS Enterprise Small License
C2921-WAAS-SEC/K9	Cisco 2921, SRE 700 or SRE 710, Sec PAK, WAAS Enterprise Medium License
C2951-WAAS-SEC/K9	Cisco 2951, SRE 900 or SRE 910, Sec PAK, WAAS Enterprise Large License
C3925-WAAS-SEC/K9	Cisco 3925, SRE 900 or SRE 910, Sec PAK, WAAS Enterprise Large License
C3945-WAAS-SEC/K9	Cisco 3945, SRE 900 or SRE 910, Sec PAK, WAAS Enterprise Large License
C3945-UCSE/K9	Cisco 3945 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C3925-UCSE/K9	Cisco 3925 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C2951-UCSE/K9	Cisco 2951 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C2921-UCSE/K9	Cisco 2921 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 2.5 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C2911-UCSE/K9	Cisco 2911 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 2.5 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C3945-ES24-UCSE/K9	Cisco 3945 ES24 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 24 port Layer 3 PoE EtherSwitch SM, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C3925-ES24-UCSE/K9	Cisco 3925 ES24 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 24 port Layer 2 PoE EtherSwitch SM, PoE Power Supply, 4 GB ISR DRAM, 768 MB Compact Flash, IMC Software
C2951-ES24-UCSE/K9	Cisco 2951 ES24 UCSE Bundle, SRE 900 or SRE 910,SRE-V License, 24 port Layer 2 EtherSwitch SM, PoE Power Supply, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C3945-WAAS-UCSE/K9	Cisco 3945 UCSE Bundle, two SRE 900 or SRE 910,SRE-V License, WAAS Enterprise Medium License, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C3925-WAAS-UCSE/K9	Cisco 3925 UCSE Bundle, two SRE 900 or SRE 910,SRE-V License, WAAS Enterprise Medium License, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software
C2951-WAAS-UCSE/K9	Cisco 2951 UCSE Bundle, two SRE 900 or SRE 910,SRE-V License, WAAS Enterprise Medium License, 4 GB ISR DRAM, 768 MB ISR Compact Flash, IMC Software

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