



End-of-Sale and End-of-Life Announcement for the Cisco 3600 Series Routers

The Cisco 3600 Series was introduced in 1996, providing unprecedented levels of modularity and performance to solve branch office networking needs. Cisco Systems® is announcing the End-of-Sale (EoS) and End-of-Life (EoL) of the Cisco 3600 Series routers, consisting of the Cisco 3620, Cisco 3640A, and Cisco 3660 (non .-CO. models). The last day to order the affected products is December 31, 2003.

Cisco® encourages customers to move to the Cisco 3700 Series routers as replacements for the Cisco 3600 Series. With onboard LAN/WAN connectivity, new high-density service modules, additional memory capacity, integrated inline IP Phone power, and support for multiple Advanced Integration Modules (AIMs), the Cisco 3700 Series delivers new levels of branch office service density and performance in a compact form factor.

CISCO 3600 SERIES PRODUCTS NOT AFFECTED BY THIS ANNOUNCEMENT

The following Cisco 3600 Series products are not affected by this announcement.

Table 1. Products Not Affected

Product Number	Description
Cisco 3631	
CISCO3631-CO-AC	CISCO 3631-CO with AC Power Supply
CISCO3631-CO-DC	CISCO 3631-CO with DC Power Supply
CISCO3631-CO-DC-U	CISCO 3631-CO with Universal DC Power Supply
All Cisco 3631 Spares	All Cisco 3631 memory, Flash, and rack-mount spares are not affected by this End-of-Sale Announcement
All Cisco 3631 IOS® Feature Sets	All Cisco IOS Feature Sets are not affected by this End-of-Sale Announcement
Cisco 3660 Telco Models	
CISCO3662-AC-CO	Dual 10/100E Cisco 3660 6-slot CO Mod Router-AC w/Telco SW
CISCO3662-DC-CO	Dual 10/100E Cisco 3660 6-slot CO Mod Router 2 x DC PS, Telco SW
All Cisco 3660 Flash and SDRAM Memory Spares	All Cisco 3660 Series flash and memory spares are not affected by this End-of-Sales Announcement
Cisco IOS Telco Feature Sets	The Telco, Telco Plus, and Telco Plus with IPSec Feature Sets are not affected by this End-of-Sale Announcement

CISCO 3620 PRODUCTS AFFECTED BY THIS ANNOUNCEMENT

The following Cisco 3620 products are affected by this End-of-Sale and End-of-Life announcement.

CISCO 3620 CHASSIS

All Cisco 3620 chassis including the Cisco 3620 chassis are affected by this announcement.

Table 2 lists the product numbers covered by this End-of-Sale announcement.

Table 2. 3620 Chassis Affected

Product Number	Description
Chassis	
CISCO3620	Cisco 3620 2-slot Modular Router-AC with IP software
CISCO3620-DC	Cisco 3620 2-slot Modular Router-DC with IP software
CISCO3620-RPS	Cisco 3620 2-slot Modular Router-use with AC RPS with IP
Cisco 3620 Bundles	
3620MBUNDLE-24DM	3620 PRI Dial Bundle: 1FE2CE1-U, 24DM, IP IOS
3620MBUNDLE-30DM	3620 PRI Dial Bundle: 1FE2CE1-U, 30DM, IP IOS
Factory Memory Upgrades	
MEM3620-32U48D	32 to 48 MB DRAM factory upgrade for the Cisco 3620
MEM3620-32U64D	3- to 64 MB DRAM factory upgrade for the Cisco 3620
Software	
IOS Software	All 3620 IOS Software for new 3620s (see Table for IOS Software spares, upgrades, and relicensing)
FL-MCM-NEW-3620	License for a new 3620-based MCM for Video/Enterprise
FL-GK-NEW-3620	License for a new 3620-based GK for Voice

CISCO 3620 SPARES

Spare parts for the Cisco 3620 will continue to be sold for one year after the End-of-Sale of the Cisco 3620 chassis. Table 3 lists the spare parts that are affected by this announcement.

Table 3. Cisco 3620 Spares Affected

Product Number	Description
Memory Spare Parts	
MEM3620-16D=	16 MB DRAM SIMM for the Cisco 3620 Series
MEM3620-2X16D=	32 MB DRAM for the Cisco 3620 (2 x 16 MB DRAM SIMMs)
MEM3620-8D=	8 MB DRAM SIMM for the Cisco 3620 Series
Power Supplies and Power Accessories	
PWR-3620-AC=	AC Power Supply for the Cisco 3620
PWR-3620-DC=	DC Power Supply for the Cisco 3620
ACS-3620RPS=	RPS Field Upgrade for the Cisco 3620

Product Number	Description
Miscellaneous	
ACS-3620RM-19=	19 inch Rack-Mount Kit for the Cisco 3620
ACS-3620RM-24=	24 inch Rack-Mount Kit for the Cisco 3620
ACS-3620NEBS/ETSI=	NEBS/ETSI Telco Accessory Kit for Cisco 3620
DOC-3620-ICG=	Cisco 3620 Installation and Configuration Guide
Software	
IOS Software spares	All 3620 IOS spares are affected
IOS Software upgrades	All 3620 IOS feature set upgrades are affected
Software Relicensing	All IOS relicensing for used 3620s are affected

CISCO 3620 IOS SOFTWARE SUPPORT

The Cisco 3620 Router will continue to support new IOS features through 12.2T and software bug fixes through the end of 12.3 Mainline. The Cisco 3620 will not be supported in IOS 12.3T (the technology train) because the Cisco 3620 lacks the memory capacity to add new software features. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until July 2008.

CISCO 3620 END-OF-LIFE MILESTONES

Table 4 below describes the End-of-Life milestones, definitions, and dates for the affected products.

Table 4. End-of-Life Milestones and Dates for the Cisco 3620

Milestone	Definition	Date
End-of-Life Announcement	The document that announces the End-of-Sale and End-of-Life of a product to the general public.	June 2, 2003
End-of-Sale, Chassis And Bundles	The last date to order Cisco 3620 chassis and bundles through Cisco point-of-sale mechanisms. The product is no longer for sale.	December 31, 2003
End-of-Sale, Spares	The last date to order Cisco 3620 spares through Cisco point-of-sale mechanisms.	December 31, 2004
Last Shipment Date	The last possible date that Cisco and/or its contract manufacturers ship the affected product.	March 31, 2004
End Of Software Maintenance Releases	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. However, Cisco will provide technical support until the last date of support.	The final maintenance release of IOS 12.3 Mainline, or December 31, 2005, whichever comes last
End Of New Service Attachment	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.	December 31, 2004
Last Date Of Support	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.	December 31, 2008

CISCO 3620 PRODUCT MIGRATION OPTIONS

The recommended replacements for the Cisco 3620 are the Cisco 2691 and the Cisco 3700 Series routers. The Cisco 2691 and Cisco 3700 Multiservice Access Routers are based on the same modular concepts as the Cisco 3600 Series, but enable dramatically higher levels of performance and application integration in enterprise branch offices. The Cisco 2691 and Cisco 3700 Series provide support for the full range of LAN and WAN media connectivity options available on the Cisco 3620. Table 5 provides relevant information for migrating from the Cisco 3620 to the Cisco 2691 and Cisco 3700 Series Routers.

Table 5. Comparison of Cisco 3620, Cisco 2691, and Cisco 3725

Feature	Cisco 3620	Cisco 2691	Cisco 3725
Performance (kpps)	20–40	70	100
Rack Unit Height	1 RU	2 RU	2 RU
Integrated 10/100 Ethernet Interfaces	0	2	2
Network Module Slots	2	1	2
WAN Interface Card Slots	0	3	3
Advanced Integration Module Slots	0	2	2
Default and Maximum DRAM Memory	32 MB default, 64 MB max	64 MB default, 256 MB max	128 MB default, 256 MB max
Default and Maximum Flash Memory	16 MB default, 32 MB max	32 MB default, 128 MB max	32 MB default, 128 MB max
Power Options	AC, DC, and external redundant AC power	AC and external redundant AC power	AC, DC, and external redundant AC power
Internal IP Phone Power Supply Option	No	No	Yes
First supported IOS Releases	<ul style="list-style-type: none">• 11.1(7)AA• RPS: 11.2(7)P	12.2(8)T1	12.2(8)T1

In particular, the Cisco 3725 offers a compelling solution price. The value pricing is apparent when comparing a Cisco 3620 chassis with a combination LAN/WAN network module and comparable memory with that offered on the Cisco 3725. With onboard LAN/WAN connectivity, new high-density service modules, and support for multiple Advanced Integration Modules (AIMs), the Cisco 3700 delivers new levels of branch office service density and performance in a compact form factor.

Information about the Cisco 3700 Series Routers can be found at: http://www.cisco.com/en/US/products/hw/routers/ps282/prod_literature.html

CISCO 3640A PRODUCTS AFFECTED BY THIS ANNOUNCEMENT

The following Cisco 3640A products are affected by this End-of-Sale and End-of-Life announcement.

CISCO 3640A CHASSIS AND BUNDLES

All Cisco 3640A chassis are affected by this announcement.

Table 6 lists the product numbers covered by this End-of-Sale announcement.

Table 6. Cisco 3640A Chassis and Bundles Affected

Product Number	Description
Chassis	
CISCO3640A	Cisco 3600 4-slot Modular Router-AC with IP Software
CISCO3640A-DC	Cisco 3600 4-slot Modular Router-DC with IP Software
CISCO3640A-RPS	Cisco 3640A 4-slot Modular Router use with AC RPS with IP Software
Bundles	
3640AMBUND-4B-S/T	Cisco 3640A BRI Dial Bundle: 1FE2W, 12DM, 4 BRI-S/T IP IOS
3640AMBUND-4B-U	Cisco 3640A BRI Dial Bundle: 1FE2W, 12DM, 4 BRI-U IP IOS
3640AMBUND-8B-S/T	Cisco 3640A BRI Dial Bundle: 1FE2W, 12DM, 8 BRI-S/T IP IOS
3640AMBUND-8B-U	Cisco 3640A BRI Dial Bundle: 1FE2W, 12DM, 8 BRI-U IP IOS
AS3640A-T1-48DM	Cisco 3600 Access Concentrator-48 Modems+2PRI/T1+1FE2W+IP IOS
AS3640A-E1-60DM	Cisco 3600 Access Concentrator-60 Modems+1FE2W+IP IOS-No PRI NM
C3640A-2FE/VPN/K9	Cisco 3640 VPN Bundle, NM-VPN/MP, 2xFE, IOSFW/IPSECDES, 2WAN, 64 DRAM
3640AMBUND-4B-S/T	Cisco 3640A BRI Dial Bundle: 1FE2W, 12DM, 4 BRI-S/T IP IOS
Factory Memory Upgrades	
MEM3640-32U48D	32 to 48 MB DRAM Factory Upgrade for the Cisco 3640
MEM3640-32U64D	32 to 64 MB DRAM Factory Upgrade for the Cisco 3640
MEM3640-32U96D	32 to 96 MB DRAM Factory Upgrade for the Cisco 3640
MEM3640-32U128D	32 to 128 MB DRAM Factory Upgrade for the Cisco 3640
Software	
IOS Software	All Cisco 3640 IOS Software for new 3640s (see Table for IOS Software spares, upgrades, and relicensing)
FL-MCM-NEW-3640	License for a new Cisco 3640-based MCM for Video/Enterprise
FL-GK-NEW-3640	License for a new Cisco 3640-based GK for Voice

CISCO 3640A SPARES

Spare parts for the Cisco 3640A will continue to be sold for one year after the End-of-Sale of the Cisco 3640A chassis. Table 7 lists the spare parts that are affected by this announcement.

Table 7. Cisco 3640/3640A Spares Affected

Product Number	Description
Memory Spare Parts	
MEM3640-2X8D=	16 MB DRAM for the Cisco 3640 (2 x 8 MB DRAM SIMMs)
MEM3640-2X16D=	32 MB DRAM for the Cisco 3640 (2 x 16 MB DRAM SIMMs)

Product Number	Description
MEM3640-2X32D=	64 MB DRAM for the Cisco 3640 (2 x 32 MB DRAM SIMMs)
MEM3640-4X32D=	128 MB DRAM for the Cisco 3640 (4 x 32 MB DRAM SIMMs)
Power Supplies and Power Accessories	
PWR-3640-AC=	AC Power Supply for the Cisco 3640
PWR-3640-DC=	DC Power Supply for the Cisco 3640
ACS-3640RPS=	RPS Field Upgrade for the C3640
Miscellaneous	
ACS-3640RM-19=	19 Inch Rack-Mount Kit for the Cisco 3640
ACS-3640RM-24=	24 Inch Rack-Mount Kit for the Cisco 3640
ACS-3640NEBS/ETSI=	NEBS/ETSI Telco Accessory Kit for Cisco 3640
DOC-3640SC-ICG=	Cisco 3640 Installation and Configuration Guide
Software	
IOS Software spares	All Cisco 3640 IOS spares are affected
IOS Software upgrades	All Cisco 3640 IOS feature set upgrades are affected
Software relicensing	All IOS relicensing for used 3640s are affected

CISCO IOS SOFTWARE SUPPORT

The Cisco 3640 and Cisco 3640A routers will continue to support new IOS features through 12.3T and software bug fixes through the end of 12.4 Mainline. The Cisco 3640/Cisco 3640A will not be supported in IOS 12.4T (the technology train). Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until July 2008.

END-OF-LIFE MILESTONES

Table 8 below describes the End-of-Life milestones, definitions, and dates for the affected products.

Table 8. End-of-Life Milestones and Dates for the Cisco 3640A and 3640 spares

Milestone	Definition	Date
End-of-Life Announcement	The document that announces the End-of-Sale and End-of-Life of a product to the general public.	June 2, 2003
End-of-Sale, Chassis and Bundles	The last date to order Cisco 3640A chassis and bundles through Cisco point-of-sale mechanisms. The product is no longer for sale.	December 31, 2003
End-of-Sale, Spares	The last date to order Cisco 3640A spares through Cisco point-of-sale mechanisms.	December 31, 2004
Last Shipment Date	The last possible date that Cisco and/or its contract manufacturers ship the affected product.	March 31, 2004
End of Software Maintenance Releases	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. However, Cisco will provide technical support until the last date of support.	The final maintenance release of IOS 12.4 Mainline, or December 31, 2006, whichever comes last.
End of New Service Attachment	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.	December 31, 2004

Milestone	Definition	Date
End of Service Contract Renewal	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	December 31, 2007
Last Date of Support	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.	December 31, 2008

PRODUCT MIGRATION OPTIONS

Recommended Migration for CISCO3640A, CISCO3640A-DC, and CISCO3640A-RPS

The recommended replacements for the Cisco 3640A are the Cisco 3725 and the Cisco 3745 Series routers. The Cisco 3725 and Cisco 3745 Multiservice Access Routers are based on the same modular concepts as the Cisco 3600 Series, but enable dramatically higher levels of performance and application integration in enterprise branch offices. The Cisco 3725 and Cisco 3745 Series provide support for the full range of LAN and WAN media connectivity options available on the Cisco 3640A.

In particular, the Cisco 3700 platforms offer a compelling solution price. The value pricing is apparent when comparing a Cisco 3640A Chassis, with a combination LAN/WAN network module and comparable memory with that offered on the Cisco 3700 platforms. With onboard LAN/WAN connectivity, new high-density service modules, and support for multiple Advanced Integration Modules (AIMs), the Cisco 3700 delivers new levels of branch office service density and performance in a compact form factor.

Information about the 3700 Series routers can be found at: http://www.cisco.com/en/US/products/hw/routers/ps282/prod_literature.html

Table 9 provides relevant information for migrating from the Cisco 3640A to the 3725 and 3745 Series Routers.

Table 9. Comparison of Cisco 3640A, Cisco 3725, and Cisco 3745

Feature	Cisco 3640/3640A	Cisco 3725	Cisco 3745
Performance (kpps)	50–70	100	225
Rack Unit Height	2 RU	2 RU	3 RU
Integrated 10/100 Ethernet Interfaces	0	2	2
Network Module Slots	4	2	4
WAN Interface Card Slots	0	3	3
Advanced Integration Module Slots	0	2	2
Default and Maximum DRAM Memory	32 MB default, 128 MB max	128 MB default, 256 MB max	128 MB default, 256 MB max
Default and Maximum Flash Memory	16 MB default, 32 MB max	32 MB default, 128 MB max	32 MB default, 128 MB max
Power Options	AC, DC, and external redundant AC power	AC, DC, and external redundant AC power	AC, DC, redundant internal AC or DC power
Internal IP Phone Power Supply Option	No	Yes	Yes
First supported IOS Releases	12.0.24, 12.1(17), 12.2(12), 12.2(11)T1	12.2(8)T1	12.2(8)T1

CISCO 3660 PRODUCTS AFFECTED BY THIS ANNOUNCEMENT

The Cisco 3660 product family was introduced in 1998, providing unprecedented levels of modularity and performance to solve branch office networking needs. The Cisco 3745, with its much higher performance levels, higher LAN/WAN port densities, additional memory capacities, and comparable solution pricing, has already been selected by many customers as being an obvious choice for high service requirements and scalability in the branch office. Based on this successful migration, Cisco is announcing the End-of-Sale and End-of-Life for the Cisco 3660-ENT (CISCO-3661-AC, CISCO-3661-DC, CISCO-3662-AC, CISCO-3662-DC) and its associated bundles.

This End-of-Sale/End-of-Life announcement does not impact the Cisco 3660-CO platforms (CISCO-3662-AC-CO, CISCO-3662-DC-CO). The Cisco 3660-CO platforms remain a vital product line going forward and will continue to get all future software releases and hardware in support of their particular market segment.

CISCO 3660-ENT CHASSIS AND BUNDLES

All Cisco 3660-ENT chassis including the Cisco 3660-ENT chassis are affected by this announcement.

Table 10 lists the product numbers covered by this End-of-Sale announcement.

Table 10. Cisco 3660 Chassis and Bundles Affected

Product Number	Description
Chassis and Bundles	
CISCO3661-AC	10/100 E Cisco 3660 6-slot Modular Router-AC with IP SW
CISCO3661-DC	10/100 E Cisco 3660 6-slot Modular Router-DC with IP SW
CISCO3662-AC	Duel 10/100 E Cisco 3660 6-slot Modular Router-AC with IP SW
CISCO3662-DC	Duel 10/100 E Cisco 3660 6-slot Modular Router-DC with IP SW
C3662-2FE/VPN/K8	Cisco 3662 VPN bundle, AIM-VPN/HP, 2XFE, IOS FW/IPSec DES 96 DRAM
C3662-2FE/VPN/K9	Cisco 3662 VPN bundle, AIM-VPN/HP, 2XFE, IOS FW/IPSec 3DES 96 DRAM
Factory Memory Upgrades	
MEM3660-32U64D	32 to 64 MB DRAM Factory Upgrade for the Cisco 3660
MEM3660-32U96D	32 to 96 MB DRAM Factory Upgrade for the Cisco 3660
MEM3660-32U128D	32 to 128 MB DRAM Factory Upgrade for the Cisco 3660
MEM3660-32U256D	32 to 256 MB DRAM Factory Upgrade for the Cisco 3660
Software	
IOS Software	All Cisco 3660 IOS Software for new Cisco 3660 except for the Telco, Telco Plus, and Telco Plus with IPSEC Feature Sets (see Table for IOS Software spares, upgrades, and relicensing)
FL-MCM-NEW-3660	License for a new Cisco 3660-based MCM for Video/Enterprise
FL-GK-NEW-3660	License for a new Cisco 3660-based GK for Voice
FL-GK-NEW-3660=	License for a new Cisco 3660-based GK for Voice

CISCO 3660-ENT SPARES

Spare parts for the Cisco 3660-ENT will continue to be sold for one year after End-of-Sale of the Cisco 3660-ENT Chassis. Table 11 lists the spare parts that are affected by this announcement.

Table 11. Cisco 3660-ENT Spares Affected

Product Number	Description
Software	
Cisco IOS Software Spares	All Cisco 3660-ENT IOS spares are affected
Cisco IOS Software Upgrades	All Cisco 3660-ENT IOS feature set upgrades are affected
Software Relicensing	All IOS relicensing for used Cisco 3660-ENTs are affected

CISCO IOS SOFTWARE SUPPORT

The Cisco 3660-ENT Router will continue to support new IOS features through 12.3T and software bug fixes through the end of 12.4 Mainline. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until July 2008.

END-OF-LIFE MILESTONES

Table 12 below describes the End-of- Life milestones, definitions, and dates for the affected products.

Table 12. End-of-Life Milestones and Dates for the Cisco 3660-ENT

Milestone	Definition	Date
End-of-Life Announcement	The document that announces the End-of-Sale and End-of-Life of a product to the general public.	June 2, 2003
End-of-Sale, Chassis and Bundles	The last date to order Cisco 3660-ENT chassis and bundles through Cisco point-of-sale mechanisms. The product is no longer for sale.	December 31, 2003
End-of-Sale, Spares	The last date to order Cisco 3660-ENT spares through Cisco point-of-sale mechanisms.	December 31, 2004
Last shipment Date	The last possible date that Cisco and/or its contract manufacturers ship the affected product.	March 31, 2004
End of Software Maintenance Releases	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. However, Cisco will provide technical support until the last date of support.	The final maintenance release of IOS 12.5 Mainline, or last date of product support, whichever comes first.
End of New Service Attachment	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.	December 31, 2004
End of Service Contract Renewal	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	December 31, 2007
Last Date of Support	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.	December 31, 2008

PRODUCT MIGRATION OPTIONS

Recommended Migration for CISCO3660-ENT

The recommended replacement for the Cisco 3660-ENT is the Cisco 3745 Router. The Cisco 3700 Multiservice Access Routers are based on the same modular concepts as the Cisco 3600 Series, but enable dramatically higher levels of performance and application integration in Enterprise branch offices. The Cisco 3700 Series provides support for the full range of LAN and WAN media connectivity options available on the Cisco 3660. Table 13 provides relevant information for migrating from the Cisco 3660-ENT to Cisco 3745 Series Routers.

Table 13. Comparison of Cisco 3660 and Cisco 3745

Feature	Cisco 3660	Cisco 3745
Performance (kpps)	120	225
Rack Unit Height	5 RU	3 RU
Integrated 10/100 Ethernet Interfaces	1 on 3661 and 2 on 3662	2
Network Module Slots	6	4
WAN Interface Card Slots	0	3
Advanced Integration Module Slots	2	2
Default and Maximum DRAM Memory	32 MB default, 256 MB max	128 MB default, 256 MB max
Default and Maximum Flash Memory	8 MB default, 64 MB max	32 MB default, 128 MB max
Power Options	AC, DC, redundant internal AC or DC power	AC, DC, redundant internal AC or DC power
Internal IP Phone Power Supply Option	No	Yes
First Supported IOS Releases	12.0(5)T	12.2(8)T1

The Cisco 3745 offers a compelling solution price. The value pricing is apparent when comparing a 3660 Chassis with a combination LAN/WAN network module and comparable memory with that offered on the Cisco 3745. With onboard LAN/WAN connectivity, new high-density service modules, and support for multiple Advanced Integration Modules (AIMs), the Cisco 3700 delivers new levels of branch office service density and performance in a compact form factor.

Information about the Cisco 3700 Series routers can be found at: http://www.cisco.com/en/US/products/hw/routers/ps282/prod_literature.html

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