EXPECTING EOL:
A COMPREHENSIVE GUIDE TO EOL AND EOSL BEST PRACTICES AND DEADLINES

WHEN EOL HAPPENS, EOSL FOLLOWS.

But you just bought a new line of hardware. Why should you be thinking about End of Life or End of Service Life so soon after your purchase?

While you don't need to immediately plan an exit strategy for those brand-new units, you certainly want to make sure you are educated on the matter, and that you have a plan-of-action for when the OEM does announce those dates. The last thing you want is to be surprised by an EOSL announcement and only have a limited amount of time to respond with critical operational decisions.

CentricsIT
WE SEE IT DIFFERENTLY

3140 Northwoods Parkway, Suite 700
Norcross, Georgia 30071
Phone: 1 (877) 531-7466
Fax: (877) 568-2114
www.CentricsIT.com
United States // Canada // United Arab Emirates

LEARN YOUR EOL DATES

Legally, the manufacturer must publish the EOL date for a particular line of hardware as soon as it is determined by the company. Although the OEM is required to post the announcement, it is not required to notify you directly. It's up to you and your IT Team to stay informed and consistently check the manufacturer websites or leverage ITAM tools.

Consider this first announcement as your indicator to begin prepping for a change in maintenance support or procurement initiatives. After EOL is called, EOSL can come months, or even years, later.

Once EOL is announced, you will no longer be able to buy that same hardware from the OEM. Over time your OEM warranty-with-original-purchase will expire, and your maintenance bills will increase dramatically.

Unfortunately, the OEM wields a great deal of the power in these scenarios. As long as you let them dictate your upgrade cycles, that is. it's up to you and your IT team to stay proactive and have alternative plans ready to act upon as needed.

END OF THE OEM LINE WITH EOSL, BUT YOU HAVE OPTIONS

Once the OEM announces EOSL, you have very few options other than to support the hardware through alternative methods or to start the disposition and refresh process.

Before deciding which route to take, consider asking a third-party maintenance (TPM) provider these questions:

- What compliance requirements am I under?
- What are the workload dependencies on this hardware?
    - *What applications will be affected?*
    - *Does it make sense to leave it on the production floor or not?*
- What are our decommission best practices?
- How will we manage data sanitization?
- What is the application and workload migration plan (esp. if you're transitioning to cloud)?

That said, EOSL doesn't have to spell out ITAD for your infrastructure just yet. There are other more strategic options available; namely, third-party maintenance.

THE TRUTH ABOUT OEM UPDATES

When considering a switch to TPM for support contracts, our clients have often expressed initial concern over "losing access" to OEM expertise, services, and (especially) updates and patches.

It's important to note, however, that within the first 3-4 years of a new server, storage, or network hardware release, the OEM works out the majority of the software and security issues with the product. They have solved all of the major bugs, critical errors, and drivers. The OEM has already released and implemented the bulk of the updates, firmware, bug fixes, patches, etc., and any additional updates will be rare in years 4-5.

At this point, the product is extremely stable.

So, even as you pay for the inflated maintenance costs after EOL is announced, you are not guaranteed that you will be getting any updates or patches from the OEM because there is very little need for them at that point in the hardware's lifecycle.[1] Consequently, you'll find that the only Help Desk tickets logged in the past few years and months have been hardware tickets for break-fix concerns.

[1]For example, an IBM Power 770 server went EOL in 2015, and EOSL was called in late 2017; there have been no updates for this hardware since January of 2015.

Still skeptical? Do some of your own research and see the last time that your OEM sent you a patch, firmware, or microcode update. So, why are you paying the OEM premium for services you're not receiving?

TCO VS. UTILIZATION

CentricsIT TPM experts will meet with your IT team to have tactical meetings over the maintenance status or disposition requirements of your recently-deemed EOSL hardware. Together, we'll objectively and quantitatively determine whether you should extend your maintenance support or update the equipment entirely. We determine this by looking at how well your hardware is utilized in your environments by asking you and establishing:

- How much does it currently cost to operate and maintain?
- How much labor does it require for production?
- How many workloads and applications does it support?
- What is it currently worth in secondary markets?
- What are the compliance and recycling requirements?

Once these questions are answered, we will be able to tell you what it would cost them to keep the hardware on the production floor. Conversely, we'll also be able to tell you what it would cost to decommission and replace it. As a full lifecycle TPM maintenance provider, we have the right solutions for whatever route you deem best for your needs.

More often than not, when the OEM declares EOSL, your IT team isn't yet planning to sunset the hardware—if your environment is stable, and you're happy with the performance of the units, we'll provide high quality maintenance support to enable you to dictate the longevity and utilization of your equipment. If you decide it's time to retire the hardware, we will provide data sanitization services before strategically selling the units with residual market value. For any remaining hardware, we will provide R2-certified recycling services.

STOP LETTING THE OEM DICTATE YOUR REFRESH SCHEDULE

When you blindly follow EOL and EOSL dates, you are in the OEM's pocket. But you do have alternatives. With TPM, you can experience the same level of service for a fraction of the cost.

NOT SURE WHETHER TO DECOMMISSION OR MAINTAIN YOUR HARDWARE AFTER AN EOSL ANNOUNCEMENT?

Speak to a Maintenance Expert at CentricsIT to develop a strategy that supports your assets on your schedule instead of the OEM's.

CISCO EOSL

MODEL	EOSL DATE
UCS B200 M1	1/22/16
Cisco SRW2008 8-port Gigabit Switch	2/1/16
Cisco SRW2008MP 8-port Gigabit Switch	2/1/16
Cisco SRW2016 16-port Gigabit Switch	2/1/16
Cisco SRW2016 16-port Gigabit Switch	2/1/16
Cisco SRW2024 24-port Gigabit Switch	2/1/16
Cisco SRW2024 24-port Gigabit Switch	2/1/16
Cisco SRW2024P 24-port Gigabit Switch	2/1/16
Cisco SRW2048 48-port Gigabit Switch – WebView	2/1/16
Cisco SRW208 8-port 10 100 Ethernet Switch	2/1/16
Cisco SRW208G 8-port 10 100 Ethernet Switch	2/1/16
Cisco SRW208MP 8-port 10 100 Ethernet Switch	2/1/16
Cisco SRW208P 8-port 10 100 Ethernet Switch	2/1/16
Cisco SRW224G4 24-port 10 100 + 4-port Gigabit Switch	2/1/16
Cisco SRW224G4P 24-port 10 100 + 4-port Gigabit Switch	2/1/16
Cisco SRW248G4 48-port 10 100 + 4-port Gigabit Switch	2/1/16
UCS C200 M1	2/5/16
UCS C210 M1	2/5/16
Cisco SRW2008P 8-port Gigabit Switch	2/29/16
MDS 9134 Multilayer Fabric Switch	2/29/16
10-Port Gigabit Ethernet Shared Port Adapter	3/1/16
8-Port Gigabit Ethernet Shared Port Adapter	3/1/16
Cisco MCS 7825-H3	3/1/16
Cisco MCS 7825-H3 Unified Communications Manager Appliance	3/1/16
MCS 7825-H3	3/1/16
MCS 7825-H3 Unified Communications Manager Appliance	3/1/16
UCS B250 M1	3/4/16
UCS C250 M1	3/4/16
Cisco Business Edition 5000 Version 9.0	3/30/16
Cisco Business Edition 5000 Version 9.1	3/31/16

CISCO EOSL

MODEL	EOSL DATE
Cisco SRW248G4P 48-port 10 100 + 4-port Gigabit Switch	4/15/16
878 Integrated Services Router	5/10/16
Cisco Catalyst 3750V2-24TS Switch	5/19/16
Cisco SFE1000P 8-port 10 100 Ethernet Switch – PoE fanless	5/20/16
3220 Rugged Integrated Services Router	5/27/16
3230 Rugged Integrated Services Router	5/27/16
3250 Rugged Integrated Services Router	5/27/16
3270 Rugged Integrated Services Router	5/27/16
1805 Integrated Services Router	6/30/16
Cisco Catalyst 3750G-24WS Switch	6/30/16
Cisco Catalyst 2350-48TD-SD Switch	7/31/16
MDS 9500 Series Supervisor-2 Module	7/31/16
Cisco SLM2008 8-port Gigabit Smart Switch – PD AC power	8/8/16
Cisco SLM224P 24-port 10 100 + 2-port Gigabit Smart Switch – SFPs PoE	8/8/16
Cisco SLM224G 24-port 10 100 + 2-port Gigabit Smart Switch – SFPs	8/9/16
Cisco SLM248P 48-port 10 100 + 2-port Gigabit Smart Switch – SFPs PoE	8/9/16
Cisco SLM2048 48-port Gigabit Smart Switch – SFPs	8/11/16
Cisco SLM248G 48-port 10 100 + 2-port Gigabit Smart Switch – SFPs	8/11/16
Catalyst 6500 Borderless Services Node	8/15/16
1841 Integrated Services Router	10/31/16
Cisco Catalyst 2975 Series Switches	10/31/16
2811 Integrated Services Router	11/1/16
2821 Integrated Services Router	11/1/16
2851 Integrated Services Router	11/1/16
3825 Integrated Services Router	11/1/16
3825 IP RAN Integrated Services Router	11/1/16
3825 NOVPN Integrated Services Router	11/1/16
3845 Integrated Services Router	11/1/16
3845 NOVPN Integrated Services Router	11/1/16
3845 RAN-O Integrated Services Router	11/1/16

CISCO EOSL

MODEL	EOSL DATE
Branch Routers Series Network Analysis Module	12/2/16
857 Integrated Services Router	12/20/16
867 Integrated Services Router	12/20/16
876 Integrated Services Router	12/20/16
877 Integrated Services Router	12/20/16
886 Integrated Services Router	12/20/16
887 Integrated Services Router	12/20/16
Cisco MCS 7816-I4 Unified Communications Manager Appliance	12/31/16
MCS 7816-I4	12/31/16
MCS 7816-I4 Unified Communications Manager Appliance	12/31/16
UCS C210 M2	1/3/17
1861 Integrated Services Router	1/31/17
Cisco Business Edition 3000 Version 8.6	1/31/17
UCS B230 M1	1/31/17
UCS B440 M1	1/31/17
UCS C460 M1	1/31/17
Cisco Business Edition 6000 Version 8.5	3/31/17
Cisco Business Edition 6000 Version 8.6	3/31/17
Cisco ESW520 24-Port 10 100 PoE Switch	3/31/17
Cisco ESW520 24-Port 10 100 Switch	3/31/17
Cisco ESW520 48-Port 10 100 PoE Switch	3/31/17
Cisco ESW520 48-Port 10 100 Switch	3/31/17
Cisco ESW520 8-Port 10 100 PoE Switch	3/31/17
Cisco ESW540 24-Port 10 100 1000 PoE Switch	3/31/17
Cisco ESW540 24-Port 10 100 1000 Switch	3/31/17
Cisco ESW540 48-Port 10 100 1000 Switch	3/31/17
Cisco ESW540 8-Port 10 100 1000 PoE Switch	3/31/17
Cisco ME 6524-GS Ethernet Switch	4/1/17
Cisco ME 6524-GT Ethernet Switch	4/1/17
Catalyst 6500 Series 7600 Series Wireless Services Module	4/30/17

CISCO EOSL

MODEL	EOSL DATE
Cisco BTS 10200 Softswitch Release 7.0	7/30/17
ASR 1002 Fixed Router	7/31/17
Cisco BTS 10200 IP Multimedia Subsystem 1.0	7/31/17
Cisco BTS 10200 Multimedia Application Server 1.0	7/31/17
Cisco BTS 10200 Softswitch Release 5.0	7/31/17
Cisco BTS 10200 Softswitch Release 6.0	7/31/17
Cisco BTS 10200 Softswitch Release 6.0.3	7/31/17
Cisco Catalyst 2960G-24TC-L Switch	7/31/17
Cisco Catalyst 2960G-48TC-L Switch	7/31/17
Content Security Management Appliance M160	7/31/17
Catalyst 3750-24FS Switch	9/30/17
Catalyst 4500 Series Supervisor II-Plus-10GE	9/30/17
MCS 7828-H4 Unified Communications Manager Appliance	10/30/17
UCS C200 M2	11/3/17
Cisco Nexus 5010 Switch	11/28/17
Cisco Nexus 5020 Switch	11/28/17
Cisco MCS 7828-H4 Unified Communications Manager Appliance	11/30/17
Cisco MCS 7828-I4 Unified Communications Manager Business Edition	11/30/17
Cisco Nexus 2148T Fabric Extender	11/30/17
MCS 7828-I4 Unified Communications Manager Business Edition	11/30/17
UCS C250 M2	11/30/17
UCS B200 M2	12/2/17
Cisco Nexus 1010 Virtual Services Appliance	12/15/17
Nexus 1010 Virtual Services Appliance	12/15/17
Cisco SFE2000 24-port 10 100 Ethernet Switch	12/31/17
Cisco SFE2000P 24-port 10 100 Ethernet Switch – PoE	12/31/17
Cisco SFE2010 48-port 10 100 Ethernet Switch	12/31/17
Cisco SFE2010P 48-port 10 100 Ethernet Switch – PoE	12/31/17
Cisco SGE2000 24-port Gigabit Switch	12/31/17
Cisco SGE2000P 24-port Gigabit Switch – PoE	12/31/17

CISCO EOSL

MODEL	EOSL DATE
Cisco SGE2010 48-port Gigabit Switch	12/31/17
Cisco SGE2010P 48-port Gigabit Switch – PoE	12/31/17
2801 Integrated Services Router	1/31/18
Cisco Catalyst 3560E-12D-E Switch	1/31/18
Cisco Catalyst 3560E-12D-S Switch	1/31/18
Cisco Catalyst 3560E-12SD-E Switch	1/31/18
Cisco Catalyst 3560E-12SD-S Switch	1/31/18
Cisco Catalyst 3560E-24PD-E Switch	1/31/18
Cisco Catalyst 3560E-24PD-S Switch	1/31/18
Cisco Catalyst 3560E-24TD-E Switch	1/31/18
Cisco Catalyst 3560E-24TD-S Switch	1/31/18
Cisco Catalyst 3560E-48PD-E Switch	1/31/18
Cisco Catalyst 3560E-48PD-EF Switch	1/31/18
Cisco Catalyst 3560E-48PD-S Switch	1/31/18
Cisco Catalyst 3560E-48PD-SF Switch	1/31/18
Cisco Catalyst 3560E-48TD-E Swtch	1/31/18
Cisco Catalyst 3560E-48TD-S Switch	1/31/18
Cisco Catalyst 3560G-24PS Switch	1/31/18
Cisco Catalyst 3560G-24TS Switch	1/31/18
Cisco Catalyst 3560G-48PS Switch	1/31/18
Cisco Catalyst 3560G-48TS Switch	1/31/18
Cisco Catalyst 3750E-24PD-E Switch	1/31/18
Cisco Catalyst 3750E-24PD-S Switch	1/31/18
Cisco Catalyst 3750E-24TD-E Switch	1/31/18
Cisco Catalyst 3750E-24TD-S Switch	1/31/18
Cisco Catalyst 3750E-48PD-EF Switch	1/31/18
Cisco Catalyst 3750E-48PD-S Switch	1/31/18
Cisco Catalyst 3750E-48PD-SF Switch	1/31/18
Cisco Catalyst 3750E-48TD-S Switch	1/31/18
Cisco Catalyst 3750G-12S-SD Switch	1/31/18

CISCO EOSL

MODEL	EOSL DATE
Cisco Catalyst 3750G-24PS Switch	1/31/18
Cisco Catalyst 3750G-24T Switch	1/31/18
Cisco Catalyst 3750G-24TS Switch	1/31/18
Cisco Catalyst 3750G-24TS-1U Switch	1/31/18
Cisco Catalyst 3750G-48PS Switch	1/31/18
Cisco Catalyst 3750G-48TS Switch	1/31/18
Cisco AS5350XM Universal Gateway	2/28/18
NAM 2204 Appliance	3/15/18
NAM 2220 Appliance	3/15/18
WebEx Node for ASR 1000 Series	3/22/18
UCS 6120XP	3/30/18
UCS 2104XP	3/31/18
UCS 6140XP	3/31/18
Cisco Catalyst 3560-12PC-S Compact Switch	6/7/18
Cisco Catalyst 2960-8TC-S Compact Switch	7/29/18
Catalyst 6500 Series Network Analysis Module (NAM-1 NAM-2)	7/31/18
Cisco Catalyst 2360-48TD-S	7/31/18
Cisco Catalyst 2955C 12 Switch	7/31/18
Cisco Catalyst 2955S 12 Switch	7/31/18
Cisco Catalyst 2955T 12 Switch	7/31/18
Cisco Catalyst 2960-8TC-L Compact Switch	7/31/18
Cisco Catalyst 2960G-8TC-L Compact Switch	7/31/18
Cisco Catalyst 2960PD-8TT-L Compact Switch	7/31/18
Cisco Catalyst 3560-8PC Compact Switch	7/31/18
UCS B250 M2	8/7/18
ASA 5510 Adaptive Security Appliance	9/30/18
ASA 5520 Adaptive Security Appliance	9/30/18
ASA 5540 Adaptive Security Appliance	9/30/18
ASA 5550 Adaptive Security Appliance	9/30/18
7816-I5 Media Convergence Server	10/31/18

CISCO EOSL

MODEL	EOSL DATE
7825-I5 Media Convergence Server	10/31/18
Cisco 7816-I5 Media Convergence Server	10/31/18
Cisco 7825-I5 Media Convergence Server	10/31/18
Cisco SD208P 8-port 10 100 Switch – PoE QoS	12/6/18
Cisco Catalyst 3750E-48TD-E Switch	12/31/18
ACE Application Control Engine Module	1/31/19
Cisco MCS 7890-C1 UC Manager Business Edition 3000 Appliance	1/31/19
Cisco ME 3400-24TS-A Switch	1/31/19
Cisco ME 3400-24TS-D Switch	1/31/19
Cisco ME 3400G-12CS-A Switch	1/31/19
Cisco ME 3400G-12CS-D Switch	1/31/19
Cisco ME 3400G-2CS-A Switch	1/31/19
MCS 7890-C1 UC Manager Business Edition 3000 Appliance	1/31/19
MDS 9124 Multilayer Fabric Switch	1/31/19
Cisco Business Edition 6000 Version 9.0	5/31/19
Cisco Business Edition 6000 Version 9.1	5/31/19
888-CUBE Integrated Services Router	7/8/19
892F-CUBE Integrated Services Router	7/8/19
887VA-CUBE Integrated Services Router	7/15/19
Content Security Management Appliance M1070	7/31/19
Content Security Management Appliance M670	7/31/19
888E-CUBE Integrated Services Router	9/9/19
Cisco Catalyst 2960-24-S Switch	10/31/19
Cisco Catalyst 2960-24LC-S Switch	10/31/19
Cisco Catalyst 2960-24LT-L Switch	10/31/19
Cisco Catalyst 2960-24PC-L Switch	10/31/19
Cisco Catalyst 2960-24PC-S Switch	10/31/19
Cisco Catalyst 2960-24TC-L Switch	10/31/19
Cisco Catalyst 2960-24TC-S Switch	10/31/19
Cisco Catalyst 2960-24TT-L Switch	10/31/19

CISCO EOSL

MODEL	EOSL DATE
Cisco Catalyst 2960-48PST-L Switch	10/31/19
Cisco Catalyst 2960-48PST-S Switch	10/31/19
Cisco Catalyst 2960-48TC-L Switch	10/31/19
Cisco Catalyst 2960-48TC-S Switch	10/31/19
Cisco Catalyst 2960-48TT-L Switch	10/31/19
Cisco Catalyst 2960-48TT-S Switch	10/31/19
MCS 7835-I3	12/15/19
7815I Media Convergence Server	12/29/19
7825H Media Convergence Server	12/29/19
Cisco 7815I Media Convergence Server	12/29/19
Cisco 7825H Media Convergence Server	12/29/19
7845I Media Convergence Server	12/31/19
Cisco 7845I Media Convergence Server	12/31/19
Cisco MCS 7825-H4	12/31/19
Cisco MCS 7825-H4 Unified Communications Manager Appliance	12/31/19
Cisco MCS 7825-I3	12/31/19
Cisco MCS 7825-I3 Unified Communications Manager Appliance	12/31/19
Cisco MCS 7825-I4	12/31/19
Cisco MCS 7825-I4 Unified Communications Manager Appliance	12/31/19
Cisco MCS 7828-I5 UC Manager Business Edition Appliance	12/31/19
Cisco MCS 7835-H2	12/31/19
Cisco MCS 7835-H2 Unified Communications Manager Appliance	12/31/19
Cisco MCS 7835-I2	12/31/19
Cisco MCS 7835-I2 Unified Communications Manager Appliance	12/31/19
Cisco MCS 7835-I3	12/31/19
Cisco MCS 7845-H2	12/31/19
Cisco MCS 7845-H2 Unified Communications Manager Appliance	12/31/19
Cisco MCS 7845-I2	12/31/19
Cisco MCS 7845-I2 Unified Communications Manager Appliance	12/31/19
Cisco MCS 7845-I3	12/31/19

CISCO EOSL

MODEL	EOSL DATE
MCS 7825-H4	12/31/19
MCS 7825-H4 Unified Communications Manager Appliance	12/31/19
MCS 7825-I3	12/31/19
MCS 7825-I3 Unified Communications Manager Appliance	12/31/19
MCS 7825-I4	12/31/19
MCS 7825-I4 Unified Communications Manager Appliance	12/31/19
MCS 7828-I5 UC Manager Business Edition Appliance	12/31/19
MCS 7835-H2	12/31/19
MCS 7835-H2 Unified Communications Manager Appliance	12/31/19
MCS 7835-I2	12/31/19
MCS 7835-I2 Unified Communications Manager Appliance	12/31/19
MCS 7845-H2	12/31/19
MCS 7845-H2 Unified Communications Manager Appliance	12/31/19
MCS 7845-I2	12/31/19
MCS 7845-I2 Unified Communications Manager Appliance	12/31/19
MCS 7845-I3	12/31/19
MDS 9222i Multiservice Modular Switch	4/30/20
Cisco ME 2600X 44FA-A-K9 Switch	6/30/20
Cisco ME 2600X 44FA-D-K9 Switch	6/30/20
Cisco ME 2600X 44FE-D-K9 Switch	6/30/20
UCS Invicta B3116 Blade	7/31/20
UCS Invicta C3124SA	7/31/20
UCS Invicta Scaling System	7/31/20
Whiptail Racerunner 4.x	7/31/20
Cisco Nexus 5548P Switch	9/30/20
Nexus 5548P Switch	9/30/20
Cisco Catalyst 2918-24TC-C Switch	10/30/20
Cisco Catalyst 2918-24TT-C Switch	10/31/20
Cisco Catalyst 2918-48TC-C Switch	10/31/20
Cisco Catalyst 2918-48TT-C Switch	10/31/20

CISCO EOSL

MODEL	EOSL DATE
MDS 9148 Multilayer Fabric Switch	10/31/20
Prime NAM 2304 Appliance	11/27/20
Prime NAM 2320 Appliance	11/27/20
Cisco ME 3400-24FS-A Switch	1/31/21
Cisco Catalyst 3560V2-24DC Switch	5/31/21
Cisco Catalyst 3560V2-24PS Switch-24PS Switch	5/31/21
Cisco Catalyst 3560V2-24TS Switch	5/31/21
Cisco Catalyst 3560V2-48PS Switch	5/31/21
Cisco Catalyst 3560V2-48TS Switch	5/31/21
Cisco Catalyst 3750V2-24FS Switch	5/31/21
Cisco Catalyst 3750V2-24PS Switch	5/31/21
Cisco Catalyst 3750V2-48PS Switch	5/31/21
Cisco Catalyst 3750V2-48TS Switch	5/31/21
Cisco Nexus 3064 Switch	6/30/21
Cisco Nexus 3064-T Switch	6/30/21
UCS C220 M3	12/31/21
UCSC-10PK-C220	12/31/21
UCSC-10PK-C220M3L	12/31/21
UCSC-10PK-C220M3S	12/31/21
UCSC-AIRBAF-C220	12/31/21
UCSC-C220-M3L	12/31/21
UCSC-C220-M3L-CH	12/31/21
UCSC-C220-M3L-CH2	12/31/21
UCSC-C220-M3S-CH	12/31/21
UCSC-C220-M3S-CH2	12/31/21
UCSC-CABLE1	12/31/21
UCSC-CMA1	12/31/21
UCSC-CP-C220	12/31/21
UCSC-FAN-C220M3	12/31/21
UCSC-HS-C220M3	12/31/21

CISCO EOSL

MODEL	EOSL DATE
UCSC-MRB-002-C460=	12/31/21
UCSC-PCIE-RL-C220	12/31/21
C1-N9K-C93128TX	10/31/22
N9K-C93128TX	10/31/22
N9K-C93128TX-BA-L3	10/31/22
N9K-C93128TX-FA-L3	10/31/22
N9K-C93128TX=	10/31/22
N9K-C93128TX2	10/31/22
N9K-C93128TX2=	10/31/22
C1-N9K-C9396TX	4/30/23
N9K-C9396TX	4/30/23
Cisco Meraki MR34	10/31/23
Meraki MR18 Cloud Managed AP	3/31/24
Meraki MR32	3/31/24
Meraki MS220-24 L2	7/29/24
Meraki MS220-48 L2	7/29/24
Meraki MS220-48FP L2	7/29/24
Meraki MS220-48LP L2	7/29/24

EMC EOSL

MODEL	EOSL DATE
Connectrix – Brocade ED-48000B	1/31/16
Connectrix – Brocade ED-DCX-4S-B	1/31/16
Connectrix – Brocade ED-DCX-B	1/31/16
Connectrix – Brocade ED-DCX8510-4B	1/31/16
Connectrix – Brocade ED-DCX8510-8B	1/31/16
Connectrix – Brocade PB-48000B-16	1/31/16
Connectrix – Brocade PB-48000B-32	1/31/16
Connectrix – Brocade PB-48K-10G-6	1/31/16
Connectrix – Brocade PB-48K-16IP	1/31/16
Connectrix – Brocade PB-48K-18i	1/31/16
Connectrix – Brocade PB-48K-48	1/31/16
Connectrix – Brocade PB-48K-AP4-18	1/31/16
Connectrix – Brocade PB48K-AP4-18U	1/31/16
Connectrix – Brocade PD-DCX-16P-4G	1/31/16
Connectrix – Brocade PD-DCX-16P-8G	1/31/16
Connectrix – Brocade PD-DCX-32P-4G	1/31/16
Connectrix – Brocade PD-DCX-32P-8G	1/31/16
Connectrix – Brocade PD-DCX-48P-4G	1/31/16
Connectrix – Brocade PD-DCX-48P-8G	1/31/16
Connectrix – Brocade PD-DCX-FC8-64	1/31/16
Celerra Gateway VG2 with DART 6.x	2/28/16
Celerra Gateway VG8 with DART 6.x	2/28/16
Celerra Gateway NS-G2	3/31/16
Celerra Gateway NS-G8	3/31/16
Isilon Switch QLOGIC SILVERSTORM 144-PORT DDR IB	3/31/16
Isilon Switch QLOGIC SILVERSTORM 48-PORT DDR IB	3/31/16
Isilon Switch QLOGIC SILVERSTORM 96-PORT DDR IB	3/31/16
Connectrix – Brocade MP-7500B	5/31/16
Connectrix – Brocade MP-7800B	5/31/16
Isilon Switch QLOGIC SILVERSTORM 24-PORT DDR IB	5/31/16

EMC EOSL

MODEL	EOSL DATE
Isilon Switch TOPSPIN 48-PORT IB Switch	5/31/16
Isilon Switch TOPSPIN 72-PORT IB Switch	5/31/16
Isilon Switch TOPSPIN 96-PORT IB Switch	5/31/16
Data Domain DD690	6/30/16
Isilon IQ1920x	7/1/16
IQ 1920X	7/31/16
Data Domain DD880	9/30/16
EMC Disk Library (EDL) DL5200	9/30/16
Avamar Data Store Gen3	10/31/16
Avamar Data Store Gen3 Expansion Storage nodes	10/31/16
CLARiiON CX4-120C8X	12/29/16
CLARiiON CX4-120CDC	12/29/16
CLARiiON CX4-480C	12/29/16
CLARiiON CX4-480C8XDC	12/29/16
CLARiiON CX4-960C8X	12/29/16
CLARiiON CX4D-480C	12/29/16
Celerra NS-120	12/31/16
Celerra NS-480	12/31/16
Celerra NS-960	12/31/16
CLARiiON CX4-120C	12/31/16
CLARiiON CX4-120C8	12/31/16
CLARiiON CX4-120C8DC	12/31/16
CLARiiON CX4-120C8XDC	12/31/16
CLARiiON CX4-240C	12/31/16
CLARiiON CX4-240C-ISW	12/31/16
CLARiiON CX4-240C8	12/31/16
CLARiiON CX4-240C8DC	12/31/16
CLARiiON CX4-240C8X	12/31/16
CLARiiON CX4-240C8XDC	12/31/16
CLARiiON CX4-240CDC	12/31/16

EMC EOSL

MODEL	EOSL DATE
CLARiiON CX4-480C8	12/31/16
CLARiiON CX4-480C8DC	12/31/16
CLARiiON CX4-480C8X	12/31/16
CLARiiON CX4-480CDC	12/31/16
CLARiiON CX4-960C	12/31/16
CLARiiON CX4-960C-ISW	12/31/16
CLARiiON CX4-960C8	12/31/16
CLARiiON CX4D-480C8	12/31/16
CLARiiON CX4D-480C8X	12/31/16
CLARiiON CX4D-960C	12/31/16
CLARiiON CX4D-960C8	12/31/16
CLARiiON CX4D-960C8X	12/31/16
Disk Library for Mainframe (DLm) DLm960	12/31/16
Isilon Switch FLEXTRONICS 24-PORT DDR IB Switch	12/31/16
Isilon Switch FLEXTRONICS 8-PORT IB Switch	12/31/16
Isilon Switch MELLANOX 18-PORT QDR IB Switch	12/31/16
Isilon Switch MELLANOX 24-PORT IB Switch	12/31/16
IQ 5000S-SSD	1/31/17
IQ 5400S	1/31/17
Isilon EX12000	1/31/17
Isilon EX6000	1/31/17
Isilon IQ10000x-SSD	1/31/17
Isilon IQ5400S	1/31/17
Isilon IQ6000x	1/31/17
Disk Library for Mainframe (DLm) DLm120	2/28/17
Disk Library for Mainframe (DLm) DLm2000	2/28/17
Disk Library for Mainframe (DLm) DLm2100D	2/28/17
Disk Library for Mainframe (DLm) DLm2100V	2/28/17
Celerra NX4	6/30/17
Data Domain DD140	6/30/17

EMC EOSL

MODEL	EOSL DATE
Data Domain DD610	6/30/17
Data Domain DD630	6/30/17
Data Domain ES20	6/30/17
XtremSF PCIEHHS-3XXL	8/24/17
XtremSF PCIEHHS-3XXL2	8/24/17
XtremSF PCIEHHS-3XXM	8/24/17
XtremSF PCIEHHS-3XXM2	8/24/17
VPLEX VS1	8/31/17
VPLEX VS2	8/31/17
Symmetrix DMX-4	9/30/17
Symmetrix DMX-4 950	9/30/17
Symmetrix VMAX 10K	9/30/17
Symmetrix VMAX 10K Cloud Edition	9/30/17
Symmetrix VMAX 20K	9/30/17
Symmetrix VMAX SE	9/30/17
Symmetrix VMAXe	9/30/17
Isilon 108NL	10/31/17
Isilon 36NL	10/31/17
Isilon 72NL	10/31/17
Isilon IQ36000x	10/31/17
Isilon IQ72000x	10/31/17
Isilon IQ12000x	12/31/17
Isilon IQ32000x-SSD	12/31/17
Isilon IQ5000S-SSD	12/31/17
RecoverPoint Gen4	1/31/18
Avamar Data Store Gen4	3/31/18
Avamar Data Store Gen4S	3/31/18
Connectrix – Brocade AP-7600B	3/31/18
File Management Appliance Gen 7	3/31/18
File Management Appliance/CTA Gen 8	3/31/18

EMC EOSL

MODEL	EOSL DATE
Greenplum Data Computing Appliance GP100	3/31/18
Greenplum Data Computing Appliance GP1000	3/31/18
Greenplum Data Computing Appliance Unified Analytics Unified Analytics Platform	3/31/18
Greenplum Data Computing Capacity Appliance GP1000C	3/31/18
Greenplum Data Computing Capacity Appliance GP100C	3/31/18
Greenplum Data Computing Capacity Appliance GP10C	3/31/18
Greenplum Data Integration Accelerator	3/31/18
Invista (1.x) INV-CTL	3/31/18
Invista (2.x) INV-CTL2	3/31/18
Connectrix – Brocade DS-5100B (4G Switch)	4/30/18
Connectrix – Brocade DS-5100B-8G (8G Switch)	4/30/18
Connectrix – Brocade DS-5100B-EP	4/30/18
Connectrix – Cisco MDS-PBF-4LR	4/30/18
Connectrix – Cisco MDS-PBF-4LRU	4/30/18
Connectrix – Cisco MDS-PBF-4SR	4/30/18
Connectrix – Brocade MP-8000B	5/31/18
Connectrix – Cisco MDS-PBF-24-8G	7/31/18
Connectrix – Cisco MDS-PBF-44-8G	7/31/18
Connectrix – Cisco MDS-PBF-48-8G	7/31/18
Isilon Switch MELLANOX 36-PORT QDR IB Switch	8/31/18
Isilon Switch MELLANOX 8-PORT QDR IB Switch	8/31/18
Isilon Switch QLOGIC 24-PORT QDR UPGRADE LEAF	8/31/18
Isilon Switch QLOGIC 36-PORT QDR IB Switch	8/31/18
Isilon Switch QLOGIC 48-PORT QDR IB Switch	8/31/18
IQ Accelerator-x	10/31/18
IQ Backup Accelerator-x	10/31/18
S200 – 100 GB SSD	12/31/18
X200 – 500 GB SATA	12/31/18
X400 – 100 GB SSD	12/31/18
Connectrix – Cisco MDS-9124	1/31/19

EMC EOSL

MODEL	EOSL DATE
Data Domain DD640	3/31/19
Data Domain DD670	3/31/19
Data Domain DD860	3/31/19
Data Domain DD890	3/31/19
Connectrix – Cisco MDS-3000W-PSU	4/30/19
Connectrix – Cisco MDS-9509-V2	4/30/19
AX4-5 Array	6/30/19
AX4-5 AX4-5 Array	6/30/19
Connectrix – Brocade DS-5300B (4G Switch)	7/31/19
Connectrix – Brocade DS-5300B-8G (8G Switch)	7/31/19
Connectrix – Brocade DS-6505-R-B	7/31/19
Connectrix – Brocade DS-6505R-B-8G	7/31/19
Connectrix – Brocade DS-6505R-B-EP	7/31/19
Connectrix – Brocade DS-6510F-8GB	7/31/19
Connectrix – Brocade DS-6510F-B	7/31/19
Connectrix – Brocade DS-6510R-8GB	7/31/19
Connectrix – Brocade DS-6510R-B	7/31/19
Connectrix – Brocade DS-6510R-B-EP	7/31/19
Connectrix – Brocade DS-6520F-8GB	7/31/19
Connectrix – Brocade DS-6520F-B	7/31/19
Connectrix – Brocade DS-6520R-8GB	7/31/19
Connectrix – Brocade DS-6520R-B	7/31/19
Connectrix – Brocade PB-DCX	10/31/19
Connectrix – Brocade ES-5832B	12/31/19
Connectrix – Brocade PB-DCX-16EB	12/31/19
Connectrix – Brocade PB-DCX-24FCOE	12/31/19
Connectrix – Brocade PB-DCX-32P16G	12/31/19
Connectrix – Brocade PB-DCX-32P8GM	12/31/19
Connectrix – Brocade PB-DCX-48P16G	12/31/19
Connectrix – Brocade PB-DCX-48P8GM	12/31/19

EMC EOSL

MODEL	EOSL DATE
Connectrix – Brocade PB-DCX-FX8-24	12/31/19
Connectrix – Brocade PB-DCX32P8GME	12/31/19
Connectrix – Brocade PB-DCX32P8GMU	12/31/19
Connectrix – Brocade PB-DCX48P8GME	12/31/19
Connectrix – Brocade PB-DCX48P8GMU	12/31/19
Data Domain DD620	12/31/19
Symmetrix VMAX	3/31/20
Data Domain DD160	6/30/20
Isilon S200	6/30/20
Isilon X400	6/30/20
X400	6/30/20
Connectrix – Cisco MDS-9148	10/31/20
Atmos Generation 2 3TB – G2	12/31/20
Atmos Generation 2 G2	12/31/20
Data Domain DD990	12/31/20
Connectrix – Cisco MDS-FMS-9100	2/28/21
Connectrix – Cisco MDS-FMS-9200	2/28/21
Connectrix – Cisco MDS-FMS-9500	2/28/21
Isilon NL400	3/31/21
Isilon X200	3/31/21
Isilon S210 – 32GB DIMM	7/31/21
Isilon X410 – 32 GB DIMM	7/31/21
S210 – 32 GB RAM	7/31/21
X410 – 32 GB RAM	7/31/21
XtremSF PCIEHHM-2200V	7/31/21
XtremSF PCIEHHM-550V	7/31/21
Data Domain ES30-15 SATA	9/30/21
Data Domain ES30-30 SATA	9/30/21
Data Domain ES30-45 SATA	9/30/21
Disk Library for Mainframe (DLm) DLm1000	9/30/21

EMC EOSL

MODEL	EOSL DATE
Atmos Generation 3 G3	12/31/21
RecoverPoint Gen5	1/31/22
Connectrix – Cisco MDS-4G-SR	4/30/22
Connectrix – Cisco MDS-9513	4/30/22
Connectrix – Cisco MDS-9513-FAB3	4/30/22
Connectrix – Cisco MDS-9710	4/30/22
Connectrix – Cisco MDS-PBF-ADV32	4/30/22
Connectrix – Cisco MDS-PBF-ADV48	4/30/22
Connectrix – Cisco MDS-SSN-16	4/30/22
Connectrix – Cisco MDS-SUP-V2U	4/30/22
Data Domain DD2500	7/31/22
Data Domain DD4200	7/31/22
Data Domain DD4500	7/31/22
Data Domain DD7200	7/31/22
Data Domain DD9500	7/31/22
Connectrix – Brocade VDX-6740B-24F	8/31/22
Connectrix – Brocade VDX-6740B-24R	8/31/22
Connectrix – Brocade VDX-6740B-64F	8/31/22
Connectrix – Brocade VDX-6740B-64R	8/31/22
Symmetrix VMAX 40K	9/30/22
SC4020	1/31/23
SourceOne eDiscovery Kazeon Gen1	1/31/23
SourceOne eDiscovery Kazeon Gen2	1/31/23
Unity 300F	1/31/23
Unity 400F	1/31/23
Unity 500F	1/31/23
Unity 600F	1/31/23
VNX VG10	1/31/23
VNX VG2 (with VNX OE 7.x)	1/31/23
VNX VG50	1/31/23

EMC EOSL

MODEL	EOSL DATE
VNX VG8 (with VNX OE 7.x)	1/31/23
VNX5100	1/31/23
VNX5200	1/31/23
VNX5200	1/31/23
VNX5300	1/31/23
VNX5400	1/31/23
VNX5400	1/31/23
VNX5500	1/31/23
VNX5600	1/31/23
VNX5600	1/31/23
VNX5700	1/31/23
VNX5800	1/31/23
VNX5800	1/31/23
VNX7500	1/31/23
VNX7600	1/31/23
VNX7600	1/31/23
VNX8000	1/31/23
VNX8000	1/31/23
VNXe	1/31/23
VNXe1600	1/31/23
VNXe3100	1/31/23
VNXe3150	1/31/23
VNXe3200	1/31/23
VSS1600	1/31/23

HP EOSL

MODEL	EOSL DATE
HP ProLiant Blade Centre c-Class c3000 Chassis	2/12/16
HP ProLiant BL490c G6 Blade	3/31/16
HP ProLiant BL495c G5 Blade	3/31/16
HP ProLiant BL620c G7 Blade	3/31/16
HP ProLiant BL680c G5 Blade	3/31/16
HP ProLiant BL680c G7 Blade	3/31/16
HP Proliant BL685c G1 Blade	3/31/16
HP Proliant BL685c G5 Blade	3/31/16
HP Proliant BL685c G6 Blade	3/31/16
ProLiant BL480c G1 Blade	3/31/16
HP ProLiant DL360 G6	4/30/16
HP ProLiant DL380 G6	4/30/16
HP ProLiant BL460c G6 Blade	6/30/16
HP 3PAR F2/400	11/30/16
HP 3PAR F400	11/30/16
HP 9000 D370	11/30/16
HP EVA P6350 2C10D	1/31/17
HP EVA P6550 2C20D	1/31/17
HP Integrity RX1620	1/31/17
3PAR T400	10/31/17
HP ProLiant BL465c G7 Blade	12/31/17
HP ProLiant BL490c G7 Blade	12/31/17
HP ProLiant BL460c G7 Blade	2/28/18
HP Lefthand P4300 G2	4/30/18
HP Lefthand P4500 G2	4/30/18
HP ProLiant DL360 G7	4/30/18
HP ProLiant DL380 G7	4/30/18
HP ProLiant DL385 G7	4/30/18
HP ProLiant ML350 G6	7/31/18
HP ProLiant DL360p G8	6/13/21

HP EOSL

MODEL	EOSL DATE
HP ProLiant DL360e G8	8/16/21
Arista 7050X 96XGT 8QSFP+ FB AC Switch	5/3/22
3PAR StoreServ 7000	10/31/22
HP 3PAR 7000c Storage Systems	10/31/22

DELL EOSL

MODEL	EOSL DATE
Dell PowerEdge R710	5/18/16
Dell Equallogic PS4000E	10/10/16
Dell PowerEdge R610	10/10/16
Dell EqualLogic PS4000x	10/10/16
Dell PowerEdge 1655MC Blade Server	10/31/16
Dell Equallogic PS6000E	11/11/16
Dell Equallogic PS6010E	6/26/17
Dell PowerEdge R720XD	5/18/18
Dell PowerEdge R620	5/25/18
Dell Equallogic PS6000X	11/11/18
Dell Equallogic PS6000XV	11/11/18
Dell Equallogic PS6010X	6/26/19
Dell Equallogic PS6010XV	6/26/19
Dell PowerConnect 2824 24 port Gb Ethernet Switch	1/31/20
Unity 300F	1/31/23
Unity 400F	1/31/23
VNX7600	1/31/23

NETAPP EOSL

MODEL	EOSL DATE
FAS2050	6/30/16
FAS 3170	3/31/17
FAS3140	3/31/17
FAS3160	3/31/17
FAS3170	3/31/17
DS 2246	4/30/17
DS 4243	4/30/17
FAS6040	4/30/17
FAS6080	4/30/17
FAS2020	6/30/17
FAS2040	12/31/17
FAS3210	12/31/18
FAS3240	12/31/18
FAS3270	12/31/18
FAS6210	12/31/18
FAS6240	12/31/18
FAS6280	12/31/18
FAS3220	1/31/20
FAS3250	1/31/20
FAS2220	3/30/20
FAS2240	3/30/20
FAS6220	4/30/20
FAS6220	4/30/20
FAS6250	4/30/20
FAS6290	4/30/20
FAS2520	4/30/21