End-of-Sale and End-of-Life Announcement for the Cisco Network Services Orchestrator 4.1 and Related Network Element Drivers

EOL10999

Cisco announces the end-of-sale and end-of-life dates for the Cisco Network Services Orchestrator 4.1 and Related Network Element Drivers. The last day to order the affected product(s) is December 23, 2016. 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.

We also announce the end-of-sale and end-of-life for the following Network Element Driver (NED) versions:

- Cisco APIC Data Center NED 3.0.1 and earlier
- Cisco ASA NED 4.0.1.1 and earlier
- Cisco IOS NED 4.2.0 and earlier
- Cisco IOS XR NED 4.1.4 and earlier
- Cisco ME 4600 NED 3.0.3 and earlier
- Cisco NX-OS NED 3.x and earlier
- Cisco QPS NED 3.1.3 and earlier
- Cisco StarOS NED 4.0.2 and earlier
- A10 Networks ACOS NED 3.0.3 and earlier
- Adtran AOS NED 3.0.4 and earlier
- ADVA 825 NED 3.4.1 and earlier
- Affirmed Acuitas NED 3.0.7 and earlier
- Alcatel-Lucent Service Router (ALU SR) NED 4.0.1 and earlier
- Arista EOS NED 3.13 and earlier
- Brocade Ironware 3.0.2 and earlier
- Ciena SAOS NED 3.0.5 and earlier
- Citrix NetScaler NED 3.0.8 and earlier

- F5 BIG-IP NED 3.0.8 and earlier

- Fortinet FortiOS 3.2.7 and earlier

- Huawei VRP NED 3.0.9 and earlier

- Juniper Junos NED 3.0.24 and earlier

- MRV Master-OS NED 3.4.1.5 and earlier

- Overture 1400 NED 3.0.3 and earlier

- Overture 5000 NED 3.1.3 and earlier

- Overture 6000 NED 3.1.3 and earlier

- Palo Alto PAN-OS NED 3.0.2 and earlier

- Procera PLOS NED 3.0.1 and earlier

- Telco Systems BiNOX NED 3.0.2 and earlier

Table 1. End-of-Life Milestones and Dates for the Cisco Network Services Orchestrator 4.1 and Related Network Element Drivers

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.	June 24, 2016
End-of-Sale Date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	December 23, 2016
Last Ship Date: App. SW	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	March 23, 2017
End of SW Maintenance Releases Date: App. SW	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.	December 23, 2017
End of New Service Attachment Date: App. SW	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 23, 2017
End of Service Contract Renewal Date: App. SW	The last date to extend or renew a service contract for the product.	March 21, 2019
Last Date of Support: App. SW	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.	December 31, 2019

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	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-A10ACOS-1	NSO NED A10 ACOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-A10ACOS-2VOL	Two NSO instance NED Software and RTU license - A10 Acos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-A10ACOS-3VOL	Three NSO instance NED Software and RTU license - A10 Acos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-A10ACOS-4VOL	Four NSO instance NED Software and RTU license - A10 Acos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-A10ACOS-5VOL	Five NSO instance NED Software and RTU license - A10 Acos	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-A10ACOS5+V	One incremental NSO Platform A10 Acos NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADTRAN-1	NSO NED ADTRAN AOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADTRAN-2VOL	Two NSO instance NED Software and RTU license - ADTRAN AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADTRAN-3VOL	Three NSO instance NED Software and RTU license - ADTRAN AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADTRAN-4VOL	Four NSO instance NED Software and RTU license - ADTRAN AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADTRAN-5VOL	Five NSO instance NED Software and RTU license - ADTRAN AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADTRAN5+V	One incremental NSO Platform ADTRAN AOS NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADVA-1	NSO NED Adva-825: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADVA-2VOL	Two NSO instance NED Software and RTU license for Adva-825	See Product Migration Options section for details.	Cisco NSO 4.2	
NED-ADVA-3VOL	Three NSO instance NED Software and RTU license for Adva-825	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADVA-4VOL	Four NSO instance NED Software and RTU license for Adva-825	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADVA-5+V	One incremental NSO Platform Adva-825 NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ADVA-5VOL	Five NSO instance NED Software and RTU license for Adva-825	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-AFFI1	NSO NED Affirmed Acuitas: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-AFFI2VOL	Two NSO instance NED SW + RTU license for Affirmed-acuitas	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-AFFI3VOL	Three NSO instance NED SW + RTU license for Affirmed-acuitas	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-AFFI4VOL	Four NSO instance NED SW + RTU license for Affirmed-acuitas	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-AFFI5+V	One incremental NSO Platform Affirmed-acuitas NED RTU lic.	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-AFFI5VOL	Five NSO instance NED SW + RTU license for Affirmed-acuitas	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ALUS1	NSO NED ALU SR: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ALUS2VOL	Two NSO instance NED Software and RTU license for ALUSR	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-ALUS3VOL	Three NSO instance NED Software and RTU license for ALUSR	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ALUS4VOL	Four NSO instance NED Software and RTU license for ALUSR	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ALUS5+V	One incremental NSO Platform ALUSR NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ALUS5VOL	Five NSO instance NED Software and RTU license for ALUSR	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-APICDC-1	NSO NED Cisco APIC DC: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-APICDC-2VOL	Two NSO instance NED sw and RTU lic for Cisco APIC DC	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-APICDC-3VOL	Three NSO instance NED sw and RTU lic for Cisco APIC DC	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-APICDC-4VOL	Four NSO instance NED sw and RTU lic for Cisco APIC DC	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-APICDC-5+V	One incremental NSO Platform Cisco APIC DC NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-APICDC-5VOL	Five NSO instance NED sw and RTU lic for Cisco APIC DC	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ARISTA1	NSO NED Arista EOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ARISTA2VOL	Two NSO instance NED Software and RTU license - Arista EOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ARISTA3VOL	Three NSO instance NED Software and RTU license - Arista EOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ARISTA4VOL	Four NSO instance NED Software and RTU license - Arista EOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ARISTA5+V	One incremental NSO Platform Arista EOS NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ARISTA5VOL	Five NSO instance NED Software and RTU license - Arista EOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ASA-1	NSO NED Cisco ASA: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ASA-2VOL	Two NSO instance NED Software and RTU license for Cisco ASA	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ASA-3VOL	Three NSO instance NED Software and RTU license - Cisco ASA	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ASA-4VOL	Four NSO instance NED Software and RTU license for Cisco ASA	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ASA-5+V	One incremental NSO Platform Cisco ASA NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-ASA-5VOL	Five NSO instance NED Software and RTU license for Cisco ASA	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BINOX-1	NSO NED Telco Systems Binox: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BINOX-2VOL	Two NSO instance NED SW and RTU lic for Telco Systems Binox	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BINOX-3VOL	Three NSO inst NED SW and RTU lic for Telco Systems Binox	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BINOX-4VOL	Four NSO instance NED SW and RTU lic for Telco Systems Binox	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BINOX-5+V	One incr NSO pltfm Telco Systems Binox NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BINOX-5VOL	Five NSO instance NED SW and RTU lic for Telco Systems Binox	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BROC-1	NSO NED Brocade Ironware OS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BROC-2VOL	Two NSO instance NED SW and RTU lic for Brocade	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BROC-3VOL	Three NSO inst NED SW and RTU lic for Brocade	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BROC-4VOL	Four NSO instance NED SW and RTU lic for Brocade	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BROC-5+V	One incremental NSO platform for Brocade	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-BROC-5VOL	Five NSO instance NED SW and RTU lic for Brocade	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CHKPT-1	NSO NED CHKPT: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CHKPT-2VOL	Two NSO instance NED Software and RTU license for CHKPT	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CHKPT-3VOL	Three NSO instance NED Software and RTU license for CHK	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CHKPT-4VOL	Four NSO instance NED Software and RTU license for CHKPT	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CHKPT-5+V	NSO NED CHKPT: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CHKPT-5VOL	Five NSO instance NED Software and RTU license for CHKPT	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CIENA-1	NSO NED CIENA SAOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CIENA-2VOL	Two NSO instance NED Software and RTU license - CIENA SAOS	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-CIENA-3VOL	Three NSO instance NED Software and RTU license - CIENA SAOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CIENA-4VOL	Four NSO instance NED Software and RTU license - CIENA SAOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CIENA-5+V	One incremental NSO Platform CIENA SAOS NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CIENA-5VOL	Five NSO instance NED Software and RTU license - CIENA SAOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CTRX-1	NSO NED Citrix Netscaler: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CTRX-2VOL	Two NSO instance NED SW and RTU license - Citrix Netscaler	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CTRX-3VOL	Three NSO instance NED SW and RTU license - Citrix Netscaler	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CTRX-4VOL	Four NSO instance NED SW and RTU license - Citrix Netscaler	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CTRX-5+V	One incremental NSO Platform Citrix Netscaler NED RTU lic.	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-CTRX-5VOL	Five NSO instance NED SW and RTU license - Citrix Netscaler	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-F5-1	NSO NED F5 BigIP: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-F5-2VOL	Two NSO instance NED Software and RTU license for F5 BigIP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-F5-3VOL	Three NSO instance NED Software and RTU license for F5 BigIP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-F5-4VOL	Four NSO instance NED Software and RTU license for F5 BigIP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-F5-5+V	One incremental NSO Platform F5 BigIP NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-F5-5VOL	Five NSO instance NED Software and RTU license for F5 BigIP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-FORT-1	NSO NED Fortinet Fortios: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-FORT-2VOL	Two NSO instance NED SW and RTU license - Fortinet Fortios	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-FORT-3VOL	Three NSO instance NED SW and RTU license- Fortinet Fortios	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-FORT-4VOL	Four NSO instance NED SW and RTU license - Fortinet Fortios	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-FORT-5+V	One incremental NSO Platform Fortinet Fortios NED RTU lic.	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-FORT-5VOL	Five NSO instance NED SW and RTU license - Fortinet Fortios	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-HWEI-1	NSO NED Huawei VRP: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-HWEI-2VOL	Two NSO instance NED Software and RTU license for Huawei VRP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-HWEI-3VOL	Three NSO instance NED SW and RTU license for Huawei VRP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-HWEI-4VOL	Four NSO instance NED SW and RTU license for Huawei VRP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-HWEI-5+V	One incremental NSO Platform Huawei VRP NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-HWEI-5VOL	Five NSO instance NED SW and RTU license for Huawei VRP	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOS-1	NSO NED Cisco IOS/IOS XE: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOS-2VOL	Two NSO instance NED Software and RTU license for Cisco IOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOS-3VOL	Three NSO instance NED Software and RTU license - Cisco IOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOS-4VOL	Four NSO instance NED Software and RTU license for Cisco IOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOS-5+V	One incremental NSO Platform Cisco IOS NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOS-5VOL	Five NSO instance NED Software and RTU license for Cisco IOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOSX1	NSO NED Cisco IOS XR: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOSX2VOL	Two NSO instance NED SW and RTU license for Cisco IOS XR	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOSX3VOL	Three NSO instance NED SW and RTU license for Cisco IOS XR	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOSX4VOL	Four NSO instance NED SW and RTU license for Cisco IOS XR	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOSX5+V	One incremental NSO Platform Cisco IOS XR NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-IOSX5VOL	Five NSO instance NED SW and RTU license for Cisco IOS XR	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-JNP1	NSO NED Juniper JunOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-JNP2VOL	Two NSO instance NED SW and RTU license for Juniper Junos	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-JNP3VOL	Three NSO instance NED SW and RTU license for Juniper Junos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-JNP4VOL	Four NSO instance NED SW and RTU license for Juniper Junos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-JNP5+V	One incremental NSO Platform Juniper Junos NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-JNP5VOL	Five NSO instance NED SW and RTU license for Juniper Junos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ME4600-1	NSO NED Cisco ME4600: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ME4600-2VOL	Two NSO instance NED SW and RTU license for ME4600	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ME4600-3VOL	Three NSO instance NED SW and RTU license for ME4600	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ME4600-4VOL	Four NSO instance NED SW and RTU license for ME4600	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ME4600-5+V	One incremental NSO Platform ME4600 NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-ME4600-5VOL	Five NSO instance NED SW and RTU license for ME4600	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-MRV-1	NSO NED MRV Optiswitch: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-MRV-2VOL	Two NSO instance NED SW and RTU license for MRV Optiswitch	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-MRV-3VOL	Three NSO instance NED SW and RTU license for MRV Optiswitch	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-MRV-4VOL	Four NSO instance NED SW and RTU license for MRV Optiswitch	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-MRV-5+V	One incremental NSO Platform MRV Optiswitch NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-MRV-5VOL	Five NSO instance NED SW and RTU license for MRV Optiswitch	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-NX-1	NSO NED Cisco NXOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-NX-2VOL	Two NSO instance NED Software and RTU license for Cisco NX	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-NX-3VOL	Three NSO instance NED Software and RTU license for Cisco NX	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-NX-4VOL	Four NSO instance NED Software and RTU license for Cisco NX	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-NX-5+V	One incremental NSO Platform Cisco NX NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-NX-5VOL	Five NSO instance NED Software and RTU license for Cisco NX	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O1400-1	NSO NED Overture 1400: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O1400-2VOL	Two NSO instance NED SW and RTU license for Overture 1400	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O1400-3VOL	Three NSO instance NED SW and RTU license for Overture 1400	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O1400-4VOL	Four NSO instance NED SW and RTU license for Overture 1400	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O1400-5+V	One incremental NSO Platform Overture 1400 NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O1400-5VOL	Five NSO instance NED SWe and RTU license for Overture 1400	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O5K-1	NSO NED Overture 5K: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O5K-2VOL	Two NSO instance NED SW and RTU license for Overture 5K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O5K-3VOL	Three NSO instance NED SW and RTU license for Overture 5K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O5K-4VOL	Four NSO instance NED SW and RTU license for Overture 5K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O5K-5+V	One incremental NSO Platform Overture 5K NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O5K-5VOL	Five NSO instance NED SW and RTU license for Overture 5K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O6K-1	NSO NED Overture 6K: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O6K-2VOL	Two NSO instance NED SW and RTU license for Overture 6K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O6K-3VOL	Three NSO instance NED SW and RTU license for Overture 6K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O6K-4VOL	Four NSO instance NED SW and RTU license for Overture 6K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O6K-5+V	One incremental NSO Platform Overture 6K NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-O6K-5VOL	Five NSO instance NED SW and RTU license for Overture 6K	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PAN-1	NSO NED Palo Alto Netw PANOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-PAN-2VOL	Two NSO instance NED SW and RTU license for Paloalto panos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PAN-3VOL	Three NSO instance NED SW and RTU license for Paloalto panos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PAN-4VOL	Four NSO instance NED SW and RTU license for Paloalto panos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PAN-5+V	One incremental NSO Platform Paloalto panos NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PAN-5VOL	Five NSO instance NED SW and RTU license for Paloalto panos	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PNR-1	NSO NED PNR-825: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PNR-2VOL	Two NSO instance NED Software and RTU license for PNR-825	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PNR-3VOL	Three NSO instance NED Software and RTU license for PNR-825	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PNR-4VOL	Four NSO instance NED Software and RTU license for PNR-825	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PNR-5VOL	Five NSO instance NED Software and RTU license for PNR-825	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PROC-1	NSO NED Procera PLOS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PROC-2VOL	Two NSO instance NED SW and RTU license for Procera PLOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PROC-3VOL	Three NSO instance NED SW and RTU license for Procera PLOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PROC-4VOL	Four NSO instance NED SW and RTU license for Procera PLOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PROC-5+V	One incremental NSO Platform Procera PLOS NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-PROC-5VOL	Five NSO instance NED SW and RTU license for Procera PLOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QBGP-1	NSO NED Quagga BGP: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QBGP-2VOL	Two NSO instance NED SWe and RTU license for Quagga BGP AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QBGP-3VOL	Three NSO instance NED SW and RTU license for Quagga BGP AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QBGP-4VOL	Four NSO instance NED SW and RTU license for Quagga BGP AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QBGP-5+V	One incremental NSO Platform Quagga BGP NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-QBGP-5VOL	Five NSO instance NED SW and RTU license for Quagga BGP AOS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QPS-1	NSO NED Cisco QPS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QPS-2VOL	Two NSO instance NED Software and RTU license for Cisco QPS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QPS-3VOL	Three NSO instance NED Software and RTU license - Cisco QPS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QPS-4VOL	Four NSO instance NED Software and RTU license for Cisco QPS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QPS-5+V	One incremental NSO Platform Cisco QPS NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-QPS-5VOL	Five NSO instance NED Software and RTU license for Cisco QPS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-STA1	NSO NED Cisco STAROS: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-STA2VOL	Two NSO instance NED Software and RTU license - Cisco STAROS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-STA3VOL	Three NSO instance NED Software and RTU license- Cisco STAROS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-STA4VOL	Four NSO instance NED Software and RTU license- Cisco STAROS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-STA5+V	One incremental NSO Platform Cisco STAROS NED RTU license	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-STA5VOL	Five NSO instance NED Software and RTU license- Cisco STAROS	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-SUMI-1	NSO NED Sumitomo EPON: 1 Active Production Network Srver Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-SUMI-2VOL	Two NSO instance NED Software and RTU license for Sumimoto	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-SUMI-3VOL	Three NSO instance NED Software and RTU license for Sumimoto	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-SUMI-4VOL	Four NSO instance NED Software and RTU license for Sumimoto	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-SUMI-5+V	NSO NED Sumitomo EPON:1 Active Production Network Server Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-SUMI-5VOL	Five NSO instance NED Software and RTU license for Sumimoto	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-WSA-1	NSO NED Cisco WSA: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-WSA-2VOL	Two NSO instance NED Software and RTU license for Cisco WSA	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NED-WSA-3VOL	Three NSO instance NED SW and RTU license for Cisco WSA	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-WSA-4VOL	Four NSO instance NED Software and RTU license for Cisco WSA	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-WSA-5+V	NSO NED Cisco WSA: 1 Active Prod Netw Srvr Lic	See Product Migration Options section for details.	Cisco NSO 4.2	-
NED-WSA-5VOL	Five NSO instance NED Software and RTU license for Cisco WSA	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-41-2-K9	2 Active NSO 4.1 Server Licenses for Production Network	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-41-3-K9	3 Active NSO 4.1 Server Licenses for Production Network	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-41-4-K9	4 Active NSO 4.1 Server Licenses for Production Network	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-41-5-K9	5 Active NSO 4.1 Server Licenses for Production Network	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-41-K9	1 NSO 4.1 Active Server License for Production Netw + Media	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-41-SR-K9	NSO 4.1 - Service and Minor Upgrade	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-41-SR-K9=	NSO 4.1 - Service and Minor Upgrade	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-5+	One (1) incremental NSO Platform Server Software and RTU.	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-DEV-41-K9	NSO 4.1 Non-Prod Five Servers Licenses (Lab/Dev inc. NETSIM)	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-ESC-CPU-LIC	NSO+ESC RTM for 1 Virtual Network Function VNF, Per CPU core	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-ESC-VNF-LIC-P	NSO+ESC RTM for 1 Large Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-ESC-VNF-M-LICP	NSO+ESC RTM for 1 Medium Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-ESC-VNF-S-LICP	NSO+ESC RTM license for 1 Small Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-ESC-VNF-XLIC-P	NSO+ESC RTM for 1 XLarge Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-HA	NSO 4.x Standby Server License incl. Quagga NED	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-HA-2	Two NSO 4.0 Platform Server RTU for Production-Standby	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-HA-3	Three NSO 4.0 Platform Server RTU for Production-Standby	See Product Migration Options section for details.	Cisco NSO 4.2	-

End-of-Sale Product Part Number	Product Description	Replacement Product Part Number	Replacement Product Description	Additional Information
NSO-HA-4	Four NSO 4.0 Platform Server RTU for Production-Standby	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-HA-5	Five NSO 4.0 Platform Server RTU for Production-Standby	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-HA-5+	One (1) incremental NSO Platform Server RTU license-Standby	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-PNF-L-LIC-P	NSO RTM license for One Large Physical Network Element PNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-PNF-M-LIC-P	NSO RTM license for One Medium Physical Network Element PNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-PNF-S-LIC-P	NSO RTM license for One Small Physical Network Element PNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-PNF-XLIC-P	NSO RTM license for One XLarge Physical Network Element PNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-PNF-XS-LIC-P	NSO RTM license for One Small Physical Network Element PNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-VMCPU-LIC	NSO Orchestration for One VNF Instance, Per CPU core	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-VNF-LIC-P	NSO Orchestration for 1 Large Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-VNF-M-LIC-P	NSO Orchestration for 1 Medium Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-VNF-S-LIC-P	NSO Orchestration for 1 Small Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
NSO-VNF-XLIC-P	NSO RTU license for One XLarge Virtual Network Function VNF	See Product Migration Options section for details.	Cisco NSO 4.2	-
ORCH-41-K9	1 Active NSO4.1+ESC Server License for Production Network	See Product Migration Options section for details.	Cisco NSO 4.2	-
ORCH-HA	1 High Availability NSO+ESC Server license for Prod Netw	See Product Migration Options section for details.	Cisco NSO 4.2	-
R-NSO-BASE-K9=	Cisco NSO 4.0 Platform Server SW+RTU (eDelivery)	See Product Migration Options section for details.	Cisco NSO 4.2	-

Product Migration Options

Customers are encouraged to upgrade to Cisco Network Services Orchestrator 4.2. Information about this product can be found at: http://www.cisco.com/go/nso.

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

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: http://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: http://www.cisco.com/en/US/products/products_end-of-life_policy.html.

For more information about the Cisco Product Warranties, go to: http://www.cisco.com/en/US/products/prod_warranties_listing.html.

To subscribe to receive end-of-life/end-of-sale information, go to: http://www.cisco.com/cisco/support/notifications.html.

Subscribe for RSS Notifications for End-of-Life and End-of-Sale Notices

To subscribe to the End-of-Life and End-of-Sale RSS Feed, insert the following URL into your RSS application: http://www.cisco.com/web/feeds/products/end_of_life_rss.xml.

Any authorized translation issued by Cisco Systems or affiliates of this end-of-life Product Bulletin is intended to help customers understand the content described in the English version. This translation is the result of a commercially reasonable effort; however, if there are discrepancies between the English version and the translated document, please refer to the English version, which is considered authoritative.

Printed in USA

C51-737487-00   06/16