



Global Enterprise Modernization Software and Support (GEMSS)

Standard Operations Procedure (SOP) Final Ver 1.6

Last Revised: 12 January 2022

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Section 1 | Purpose of the SOP

The purpose of this SOP is to help Department of the Air Force (DAF) users to consume products and services to which they are entitled under the contract and to assist users in meeting their requirements under specific roles, responsibilities, and processes.

Section 2 | Contract Summary

2.1 Contract Information

| | |
|------------------------------|---|
| Contract Name: | Cisco GEMSS |
| Cisco Contract Number: | 204246961 |
| Reseller: | Iron Bow Technologies |
| Period of Performance (PoP): | Base: July 1, 2021 - June 20, 2022 OY1: June 21, 2022 - June 20, 2023 OY2: June 21, 2023 - June 20, 2024 OY3: June 21, 2024 - April 23, 2025 OY4: April 24, 2025 - April 23, 2026 |

2.2 Contract Overview | What is GEMSS?

In June 2021, the Defense Information Technology Contracting Organization (DITCO), in collaboration with the United States Secretary of the Air Force (USAF), signed an agreement, the U.S. Air Force Cisco Global Enterprise Modernization Software and Services (GEMSS) contract. This next-generation contract expands the Air Force's access to SmartNet technical services for Cisco equipment and unlimited Cisco DNA Advantage software licenses for Cisco routing, switching, and wireless technologies.

Cisco is partnered with the prime contract holder, Iron Bow Technologies. Combined, they will be providing support over the life of the contract. This contract replaces JELA II.

2.3 Summary of Coverage | What is included?

2.3.1 Cisco SmartNet Total Care (SNTC)—Unlimited 24/7/365

- 24/7/365 SmartNet Total Care (SNTC) with 8X5XNBD support for all Department of USAF-owned, Cisco-branded hardware and software.
- 4-hour replacement for up to a 10 percent of the USAF's identified install base list for equipment available within a 4-hour delivery radius of a Cisco Depot.
- Software Support Service (SWSS) offers technical support coverage for the software application products and suites you have licensed on a perpetual basis.

2.3.2 Cisco DNA Advantage Software Coverage

The GEMSS agreement gives the Air Force the ability to consume Cisco software for the following technologies:

Software Covered:

- Cisco DNA Advantage for Routing — Includes traditional features that are being used today in addition to software-defined functionality.
- Cisco DNA Advantage for Switching — Includes traditional features while adding software-defined access, automation and provisioning, enhanced security, and analytics.
- Cisco DNA Advantage for Wireless — Location based services, automated onboarding, secure access.
- Network Management — Access to centralized software for management and automation.

Refer to Appendix D for compatible Cisco DNA platforms.

2.3.3 High-Touch Technical Support (HTTS)

- Personalized, high-touch support: expedited routing and call handling with limited after-hours on-call support
- Ability to transmit and receive classified information via Secret Internet Protocol Router Network (SIPR) and Voice over Secured Internet Protocol (VoSIP). Note: Most technologies are supported from 8:00 a.m. – 8:00 p.m. (Eastern).

HTTS Deliverables and Activities

| HTTS Deliverables and Activities | |
|---|---|
| 24/7 access to expert engineers | <ul style="list-style-type: none"> • Troubleshooting by experts who are familiar with the customer's network for faster resolution issue. • Engineers assess the effects of the issue on the customer business, define a solution that limits network disruption and assist the customer's network operation staff in implementing the appropriate solution for the network. |
| Network service level support | <ul style="list-style-type: none"> • Service requests are reviewed at a network level instead of a device level. • Resolution will address symptoms beyond the device taking into consideration customer-specific factors. • Provide response to Customer within 15 minutes on Severity 1 or Severity 2 calls. For Severity 3 and Severity 4 calls, response shall be within 60 minutes. |
| Dedicated toll-free number, faster and easier entitlement process | <ul style="list-style-type: none"> • Customer will only be asked for service contract number and basic information on customer CCO profile. • The case will be created as quickly as possible and dispatched to the right engineer. |

| HTTS Deliverables and Activities | |
|---|---|
| Possibility working with the same engineers on a recurrent basis | <ul style="list-style-type: none"> A more consistent and personalized support and expedite issue resolution. |
| Collection of information about the customer's business operation | <ul style="list-style-type: none"> Help to solve network issues more quickly and efficiently and customer's internal staff can focus on day-to-day operations. |

2.3.4 High-Touch Operations Management (HTOM)

- Cisco single point of contact for all support assistance, prioritization, and management within this contract. For questions and concerns, contact afhtom@cisco.com.

2.3.5 Cisco Advanced Services (AS)

- Cisco AS delivered by appropriately cleared Cisco operations managers and network engineers.

Section 3 | Roles and Responsibilities

3.1 Contracting Office: DITCO

- Provides Contracting officer for the SAF Cisco Enterprise Agreement
- Executes the contract
- Provides contract support.

3.2 AF Contract Officer Representative (COR): PEO-BES

- Serves as the Contracting Officer Representative (COR)
- Provides Acquisition Documentation Support
- Supports SAF-AA with funding actions.

3.3 AF Enterprise Software License Manager: ACC/A6I

- Serves as the Department of the Air Force-wide software requirements manager for GEMSS contract
- Validates requirements approved by MAJCOM Software Benefits Administrators (SBAs) and submits price quote requests to the JELA vendor.

3.4 Software Benefit Administrators: MAJCOM HQ A6s

- Ensures all GEMSS applicable software products are purchased using GEMSS contract
- Supports Base Software License Manager in validated SW requirements.

3.5 Enterprise Agreement Strategic Lead: SAF-CNSC

- Provides strategic guidance to USAF GEMSS stakeholders on the contract
- Supports GEMSS COR on funding actions with DITCO AF-CNSR and SAF-AA

3.6 Vendor: Cisco

- Provides SME support on products and licensing.

3.7 Reseller: Iron Bow Technologies

- Onboards the USAF organization
- Maintains the USAF GEMSS Portal
- Manages Smart Account structure for GEMSS enrollees
- Manages Education on Smart Account structure and licensing access
- Assists on software and licensing downloads and activation.

Section 4 | Contract Utilization Process

4.1 How to Obtain SmartNet Support

Unlimited 24/7/365 Smart Net Total Care (SNTC) support for all Department of Air Force-owned, Cisco-branded hardware and software and SWSS-eligible application software owned as of 21 June 2019 covered for the Base Year. Use this as the first option for any existing Cisco product or service issues. Cases can be opened by navigating to [Cisco Support Case Manager \(SCM\)](#).

4.1.1 How to Open Service Requests with Cisco TAC

Severity Levels 1 and 2

1. Call the Technical Assistance Center at 800-553-2447, Option 1
2. Live Customer Hand-off to a Cisco engineer

Severity Levels 3 and 4

Open your service request using the online tool, [Support Case Manager](#) (<http://mycase.cloudapps.cisco.com/case>).

Information Needed to Open a Service Request:

- Your Cisco.com ID and contact information (full name)
- Severity of your service request (See [Severity Level Descriptions](#).)
- Preferred contact method (email, phone number)
- GEMSS Contract# 204246961 and device serial number
- Description of your issue (symptoms, business impact, technology)
- Site information (for verification purposes)

- Details on troubleshooting steps you have taken.

Severity Level Descriptions

Severity 1 (S1): Network or environment is down or there is a critical impact to your business operations. You and Cisco both will commit full-time resources to resolve the situation.

Severity 2 (S2): Operation of an existing network or environment is severely degraded. You and Cisco both will commit full-time resources during standard business hours to resolve the situation.

Severity 3 (S3): Operational performance of your network or environment is impaired. You and Cisco both commit resources during standard business hours to resolve.

Severity 4 (S4): Information is required on Cisco product capabilities, installation, or configuration. There is little or no impact on your business operations.

4.1.2 Case Escalation Procedure

If a case is not progressing adequately or the quality of service is not satisfactory, we encourage you to escalate the case by following the process below:

- During normal business hours (Eastern): Contact Cisco TAC at 1-800-553-2447 and request your service request be raised to Severity Level 1 or 2. If at any time you need assistance during this process, please contact your HTOM directly (via phone) or the HTOM Team at afhtom@cisco.com.
- After normal business hours (Eastern) including weekends/holidays: Contact Cisco TAC at 1-800-553-2447 and request your service request be raised to Severity Level 1 or 2. The on-shift TAC Duty Manager can also be engaged at this time. Outside of 8:00 a.m. – 6:00 p.m. on normal business days, advanced support is available by engaging the on-call U.S. Public Sector HTOM by email at gsgshtom@epage.cisco.com.

4.2 Software Licenses | USAF GEMSS Portal

The USAF GEMSS Portal is a single point of access for support and access to USAF documentation and resources. The GEMSS Portal allows for end users to submit request for Cisco DNA Advantage licenses and gain access to the USAF GEMSS Smart Account. You can access the GEMSS Portal, by going directly to the following link:

<https://ironbow.servicenowservices.com/gemss>

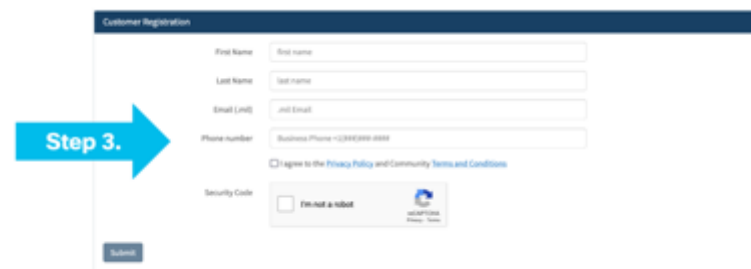
4.2.1 Requesting Access to the USAF GEMSS Portal

To request access:

1. Begin by navigating to the [USAF GEMSS Portal](#).
2. Click the New *User? Register here* hyperlink.



3. Complete the Request Form with your organizational email address (e.g., john.doe.ctr@us.af.mil) and hit *Submit*. Once approved you will receive a confirmation email to log into the GEMSS Portal.



Note: Personal email addresses will not be accepted. For additional assistance, please contact the licensing specialist by email: gemss@ironbow.com.

4.2.2 Requesting a new Virtual Account for your organization

4.2.2.1 To Obtain MAJCOM-level Virtual Account

If you do not have a Virtual Account under the GEMSS Smart Account, submit a request through [USAF GEMSS Portal](#). When submitting your request, make sure to include the following information:

- Smart Account Domain: en-ea.us.af.mil
- Reason for Request
- Cisco.com ID
- Air Force MAJCOM/COCOM
- Air Force Unit (if applicable).

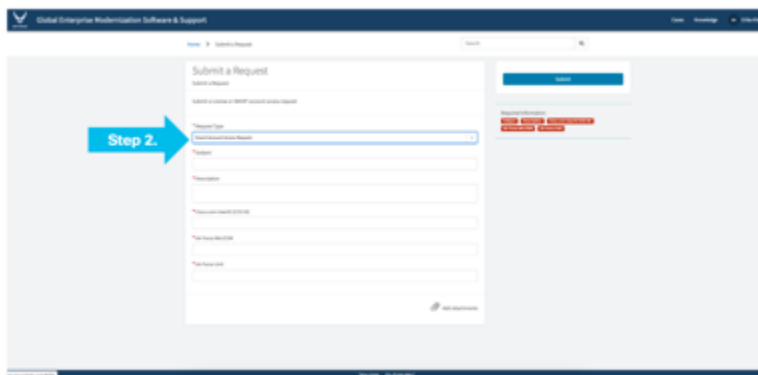
Steps:

Begin by navigating to the [USAF GEMSS Portal](#) and log in using your username and password for your GEMSS account:

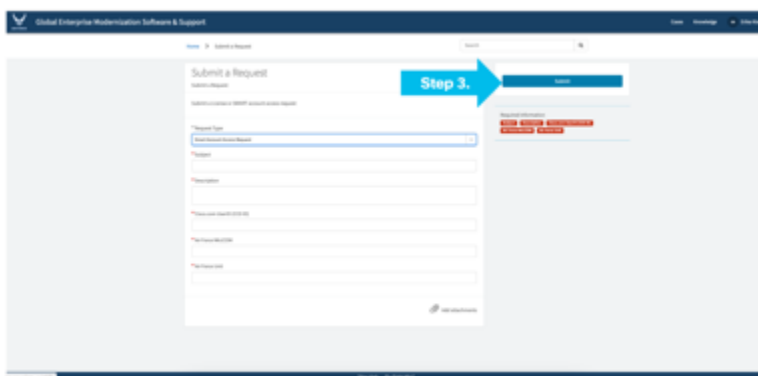
1. Click the *Submit Request* button.



2. Complete the form with *Required Information*.



3. Click *Submit*.



Note: Once complete, you will receive a confirmation email, that you have received access to the portal.

4.2.2.2 Requesting Access to MAJCOM-Level Virtual Account

If you do not have access to your organization's MAJCOM-level Virtual Account under the GEMSS USAF Smart Account, submit a request through [USAF GEMSS Portal](#). When submitting your request, make sure to include the following information:

- Smart Account Domain: en-ea.us.af.mil
- Reason for Request
- Cisco.com ID
- Air Force MAJCOM/COCOM
- Air Force Unit (if applicable)
- Software Benefit Administrator (SBA). See [Appendix B](#) if you do not know your SBA.

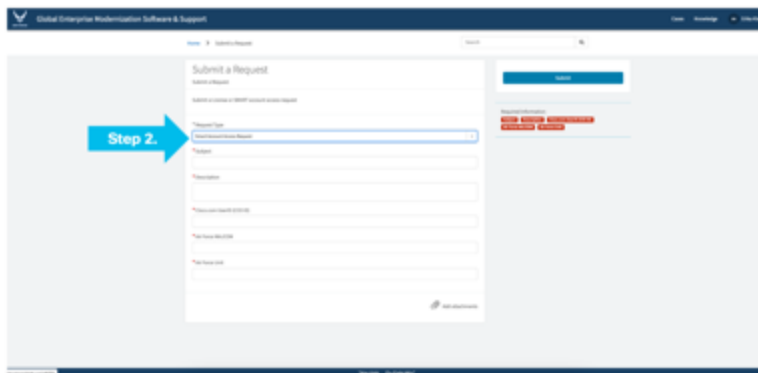
Steps:

Begin by navigating to the [USAF GEMSS Portal](#) and log in using your username and password for your GEMSS account:

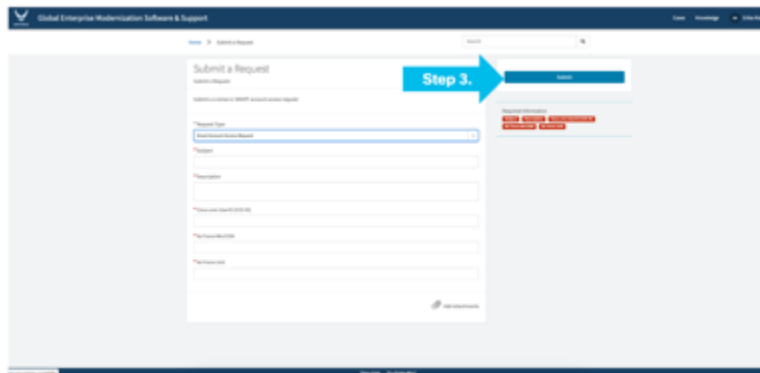
1. Click the *Submit Request* button.



2. Complete the form with *Required* Information.



3. Click *Submit*.



Note: Once complete, you will receive a confirmation email that you have received access to the portal.

4.2.3 Existing Purchases | Procuring Licenses for Existing Hardware

For existing products that require licenses, users will need to request the licenses via [USAF GEMSS Portal](#). Upon request, users will need to provide the following information:

- Hardware Product Model
- Unit and MAJCOM for Smart Account provisioning domain
- Quantity of licenses requested
- For SDWAN routing licenses, include bandwidth tier (15M, 100M, 1GB, 10GB).

Steps:

Begin by navigating to the [USAF GEMSS Portal](#) and log in using your username and password for your GEMSS account:

1. Click the *Submit Request* button.



2. Complete the form with *Required Information*.
3. Click *Submit*.

Once complete, Iron Bow will deposit licenses to your organization's MAJCOM Virtual Account. Licenses can be accessed at [Cisco Software Central](http://software.Cisco.com) (<http://software.Cisco.com>). For more information on accessing licenses, refer to [Appendix A: Accessing GEMSS Licenses](#).

4.2.4 New Purchases | Procuring Licenses for New Hardware

New Cisco hardware platforms are bundled with software licenses and support. At the time of purchase, to remove the cost of these items, procurements must be associated with the correct Smart Account. To take advantage of the EA, you will need to provide contracting and procurement with the following information:

- Smart Account Name: GEMSS USAF
- Smart Account Domain: en-ea.us.af.mil
- Virtual Account: MAJCOM and Unit
- Is this to replace EOL products or net new purchase
- EOL S/N (if applicable).

Appendix A | Accessing GEMSS Software Licenses with Cisco Smart Accounts

A1 What is a Smart Account?

Licenses will be distributed using the GEMSS USAF Smart Account. A Cisco Smart Account is a license inventory management tool. Once network infrastructure licenses have been deposited to your organization's Virtual Account, they can be accessed at [Cisco Software Central](#). **Figure A.1** shows the GEMSS Smart Account Structure.

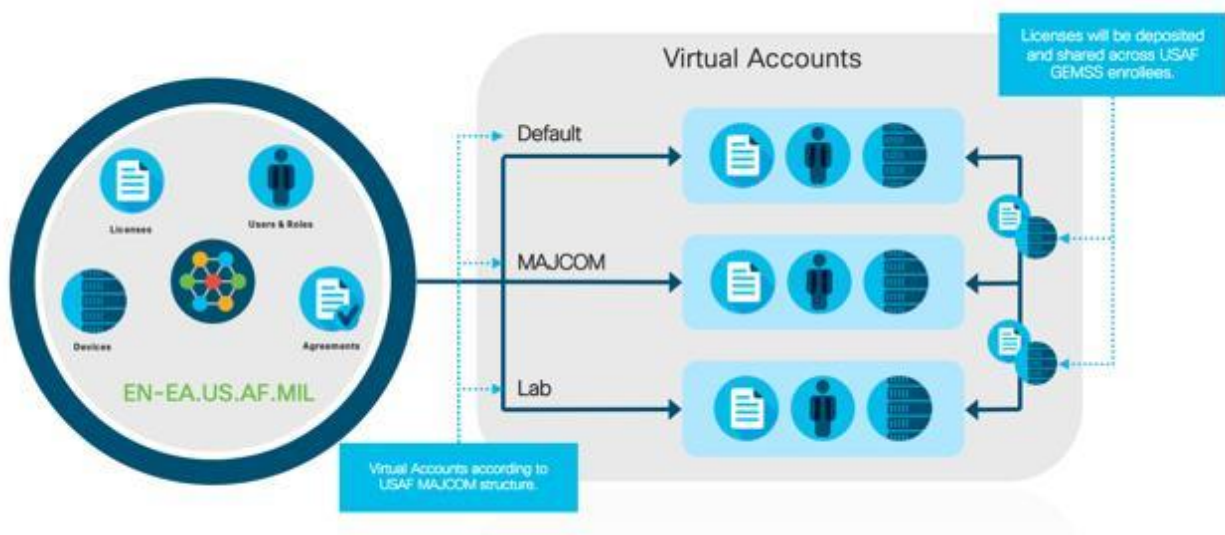


Figure A.1 – GEMSS Smart Account Structure

A2 How is USAF GEMSS Smart Account Structured?

The GEMSS Smart Account is subdivided by Virtual Accounts at the MAJCOM level. USAF will be the primary holder of the GEMSS Smart Account and [Software Benefit Administrators \(SBAs\)](#) will be the primary administrators of Virtual Accounts for license access by their organization.

The GEMSS contract has a Smart Account with Domain: en-ea.us.af.mil. Virtual Account Administrators will be appointed at each MAJCOM/COCOM organization that will be the primary point of contact for access to GEMSS licenses (see **Figure A.2**).

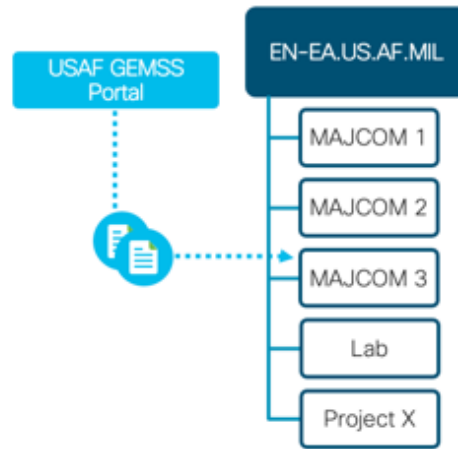


Figure A.2 – GEMSS Smart Account Primary Point of Contact

Note: Only GEMSS licenses will be tracked using the GEMSS Smart Account. If your organization has other technologies that are not covered under GEMSS, continue using your organization's local Smart Account.

A3 Requirements

To access GEMSS licenses, you will need:

- A valid Cisco.com ID
- Access to the GEMSS Smart Account, if you do not have access to the GEMSS Smart Account, submit a request at the [USAF GEMSS Portal](#).

A3.1 Creating a Cisco.com ID

Access to GEMSS licenses requires a valid Cisco.com ID (CCO ID). If you do not have a CCO ID, start by going to Cisco.com (See **Figure A.3**):

1. Click on the **User** & **icon** in the upper right-hand corner.
2. Click the **Create an Account** button.
3. Complete the form using your organizational email address (e.g., mail.mil, af.mil, us.af.mil, etc.) and click **Register**.



Figure A.3 – Creating a Cisco.com ID

Note: A new Cisco.com ID is NOT required, but make sure your existing CCO ID is associated with your organization’s email address. Personal CCO IDs will not be accepted.

A3.2 Accessing the EA Licenses

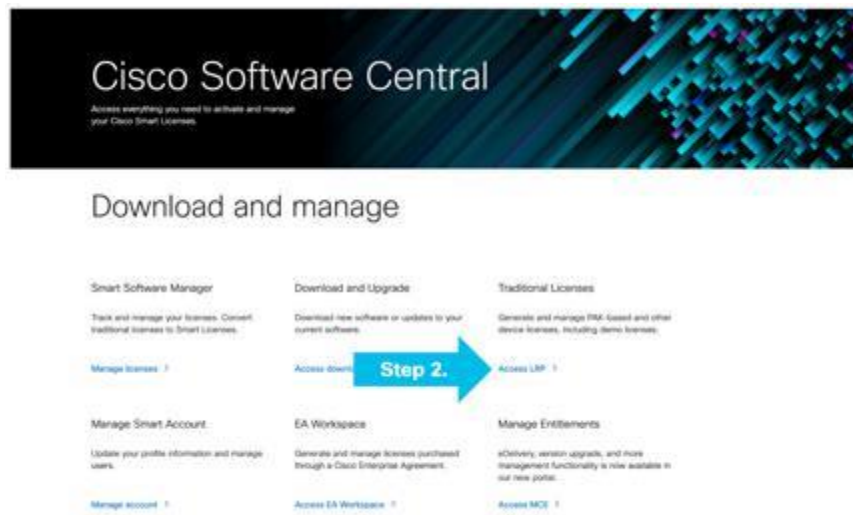
Traditional Licensing | License Registration Portal

Traditional PAK-based Licenses can be accessed from the License Registration Portal (LRP). To access licenses, begin by going to [Cisco Software Central](#) (CSC), then:

1. Log in using your Cisco.com ID, by clicking *User* & *icon* in the upper right-hand corner.



2. Click on [Access LRP](#) under Traditional Licenses. This will take you to the License Registration Portal (LRP), where you can download the license files (.lic).



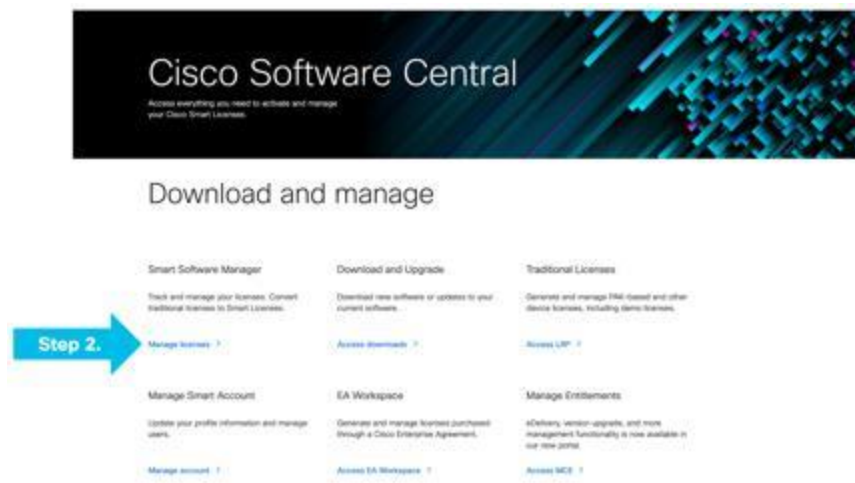
Smart Licensing | Cisco Smart Software Manager

Smart Licenses can be accessed from Cisco Smart Software Manager (CSSM). To access licenses, begin by going to [Cisco Software Central](#) (CSC):

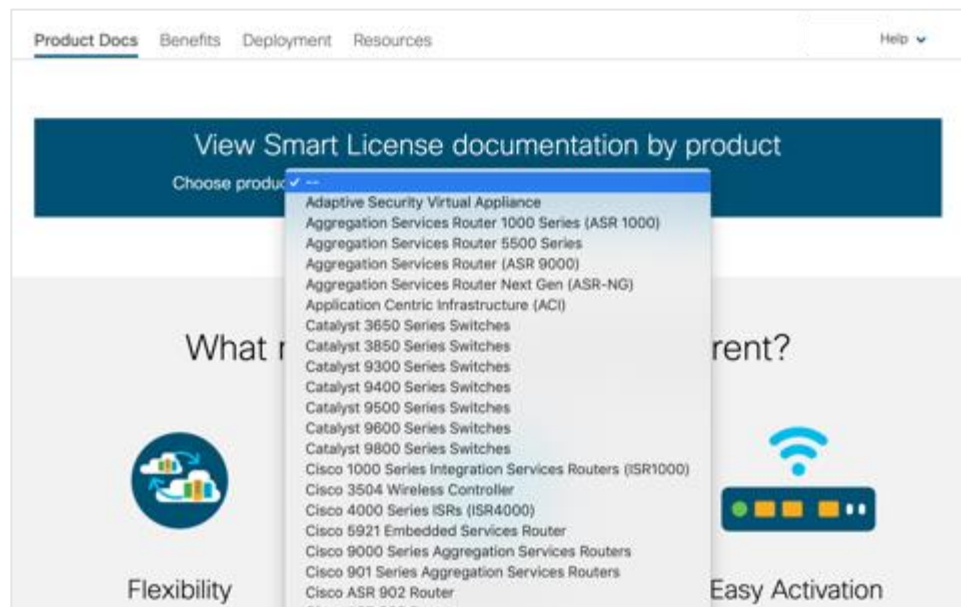
1. Log in using your Cisco.com ID, by clicking *User* & *icon* in the upper right-hand corner.



2. Click on *Manage licenses* under Smart Software Manager. This will take you to the CSSM, where you can download the license files (.lic).



Note: For more information on how to configure Smart Licensing on Cisco products, go to Cisco.com and search for Cisco Smart Licensing, or click [here](#). All documentation (e.g., install, upgrade, maintenance guides, etc.) is available on this page under Product Docs, or refer to the configuration guides on Cisco.com.



B1 Who is my Cisco Account Manager?

| | | | |
|---|--|--|--|
| Alfred Ziviello – Account Manager   aziviello@cisco.com Air Combat Command (ACC) | Scott Dreher – Account Manager   scdreher@cisco.com Air Mobility Command (AMC), Air Force Lifecycle Management Center (AFLCMC), TRANSCOM | Mary Wu – Account Manager   marywu@cisco.com Air Force Enterprise, 16 th Air Force, STRATCOM | Sean Jeffers – Account Manager   sejeffer@cisco.com ABMS/JADC2, Air Force Programs, MPE (MPCO), Foreign Military Sales (FMS) |
| Alex Corey – Account Manager   alcorey@cisco.com Air National Guard | Matt McCook – Account Manager   mmccook@cisco.com Air Force Reserve Command (AFRC), Air Force Programs | Erika Klear – Account Manager   eklear@cisco.com Air Force Enterprise, 16 th Air Force, STRATCOM | Don Rogers – Systems Architect   donroger@cisco.com Air Force Enterprise |
| Katherine Yahiel – Account Manager   yahiel@cisco.com US Space Force, NORTHCOM, Space and Missiles Center (SMA) | Greg Halvorson – Account Manager   ghalvors@cisco.com Air Force Global Strike (AFGSC) | Rob Woodrow – Account Manager   rowoodro@cisco.com Air Forces Europe (USAFE) | |
| Stephanie Harper – Account Manager   srieper@cisco.com US Space Force, NORTHCOM, Space and Missiles Center (SMA) | Kim Poineau – Account Manager   kpoineau@cisco.com Air Force Central Command (AFCENT) | Shiva Hiremath – Account Manager   shivhire@cisco.com Pacific Air Forces (PACAF) | |

Appendix C | Additional Resources

C1 Resources on Cisco.com

[Cisco Networking Overview](#)

[Cisco DNA Architecture Overview](#)

[Cisco DNA Advantage for Switching](#)

[Cisco DNA Advantage for Routing \(SD-WAN\)](#)

[Cisco DNA Advantage for Wireless](#)

[Cisco Prime Infrastructure](#)

[Cisco Routing Platforms](#)

[Cisco Switching Platforms](#)

[Cisco Wireless Platforms](#)

Appendix D | Compatibility Matrix—Cisco DNA Center

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|---|---|---------------------|--|----------------------------------|---|-----------------------------|
| Router | Cisco Catalyst 8500 Series Edge Platforms | C8500-12X | IOS-XE 16.12.1 | IOS-XE 16.12.1 | 2.1.2.4 | Yes | Yes |
| Router | Cisco Catalyst 8500 Series Edge Platforms | C8500-12X4QC | IOS-XE 16.12.1 | IOS-XE 16.12.1 | 2.1.2.4 | Yes | Yes |
| Router | Cisco Catalyst 8300 Series Edge Platforms | C8300-1N1S-4T2X C8300-1N1S-6T | IOS-XE 16.12.1 | IOS-XE 16.12.1 | 2.1.2.4 | Yes | Yes |
| Router | Cisco Catalyst 8300 Series Edge Platforms | C8300-2N2S-4T2X C8300-2N2S-6T | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 2.1.2.4 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200-48PL C9200-48PL-4G C9200-48PL-4X | IOS-XE 17.3.1 | IOS-XE 17.3.1 | 2.1.2.3 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1109-4PLTE2PWE C1109-4PLTE2P | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 2.1.2.3 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1117-4PLTELA | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 2.1.2.3 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9105AXI-B C9105AXW-B | IOS-XE 17.3.1 | IOS-XE 17.3.1 | 2.1.2.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200-24PB-A C9200-48PB-A | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 2.1.1.0 | Yes | Yes |
| Switch | Cisco Catalyst 9600 Series Switches | C9606R (SVL) | IOS-XE 16.12.3a | IOS-XE 16.2.1 | 2.1.1.0 | Yes | No |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-16X C9500-40X C9500-12Q C9500-24Q (SVL) | IOS-XE 16.12.3a | IOS-XE 16.2.2 | 2.1.1.0 | Yes | No |

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|---|---|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 9500 Series Switches | C9500-48Y4C C9500-24Y4C C9500-32QC C9500-32C (SVL) | IOS-XE 16.12.3a | IOS-XE 16.2.1 | 2.1.1.0 | Yes | No |
| Switch | Cisco Catalyst 9400 Series Switches | C9404R C9407R C9410R (SVL) | IOS-XE 16.12.3a | IOS-XE 16.2.1 | 2.1.1.0 | Yes | No |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-24T C9300-48T C9300-24UX C9300-48UXM (SVL) | IOS-XE 16.2.1 | IOS-XE 16.2.1 | 2.1.1.0 | Yes | No |
| Switch | Cisco Catalyst 9300 Series | C9300-24S C9300-48S (SVL) | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 2.1.1.0 | Yes | No |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48UN (SVL) | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 2.1.1.0 | Yes | No |
| Router | Cisco 1000 Series Integrated Services Routers | C1109-4PLTE2P | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 2.1.1.0 | Yes | Yes |
| Router | Cisco 4000 Series Integrated Services Routers | ISR 4451-X | IOS-XE 16.6.3 | IOS-XE 3.16 | 1.3.3.4 | No | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300L-48PF-4X C9300L-48PF-4G | IOS-XE 16.12.3a | IOS-XE 16.12.1 | 1.3.3.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48H C9300-24H | IOS-XE 17.1.1 | IOS-XE 17.1.1 | 1.3.3.0 | Yes | Yes |
| Switch | Cisco Catalyst Digital Building Series Switches | CDB-4PF CDB-4PC | IOS 15.2(7)E0a | IOS 15.2(7)E0a | 1.3.3.0 | Yes | No |
| Wireless | Catalyst 9100 Series Access | C9120AXE | IOS-XE 16.12.3 | AireOS 8.10 | 1.3.3.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access | C9120AXE/I/P -EWC | IOS-XE 16.12.3 | IOS-XE 16.12.2 | 1.3.3.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access | C9120AXP | IOS-XE 16.12.3 | IOS-XE 16.11.1c | 1.3.3.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access | C9130AXI-EWC | IOS-XE 16.12.3 | IOS-XE 16.12.2 | 1.3.3.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access | C9130AXE-EWC | IOS-XE 16.12.3 | IOS-XE 16.12.2 | 1.3.3.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|---|---------------------------------------|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 9300 Series Switches | C9300-24UB | IOS-XE 16.12.3a | IOS-XE 16.12.1 | 1.3.1.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-24UXB | IOS-XE 16.12.3a | IOS-XE 16.12.1 | 1.3.1.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48UB | IOS-XE 16.12.3a | IOS-XE 16.12.1 | 1.3.1.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1111 C1111-4PLTELA C1111-8PLTELA | IOS-XE 16.9.4 | IOS-XE 16.9.4 | 1.3.1.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1121 | IOS-XE 16.12.1a | IOS-XE 16.12.1a | 1.3.1.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1121X | IOS-XE 16.12.1a | IOS-XE 16.12.1a | 1.3.1.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1161 | IOS-XE 16.12.1a | IOS-XE 16.12.1a | 1.3.1.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1161X | IOS-XE 16.12.1a | IOS-XE 16.12.1a | 1.3.1.0 | Yes | Yes |
| Router | Cisco 900 Series Routers | C951 C959 | IOS-XE 16.12.1a | IOS-XE 16.12.1a | 1.3.1.0 | Yes | Yes |
| Router | Cisco VG Series Voice Gateways | VG450 | IOS-XE 16.10.1 | IOS-XE 16.10.1 | 1.3.1.0 | Yes | No |
| Wireless | Catalyst 9100 Series Access Points | C9115AXE-X | AireOS 8.10.122.0 | AireOS 8.9.100 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9115AXE-X | IOS-XE 16.12.3 | IOS-XE 16.11.1c | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9120AXE | AireOS 8.10.122.0 | AireOS 8.9.100 | 1.3.1.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|---|--------------|---------------------|--|----------------------------------|---|-----------------------------|
| Wireless | Catalyst 9100 Series Access Points | C9120AXP | AireOS 8.10.122.0 | AireOS 8.9.100 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9120AXP | AireOS 8.10.122.0 | AireOS 8.9.100 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9120AXI | IOS-XE 16.12.3 | IOS-XE 16.11.1c | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9130AXI | AireOS 8.10.122.0 | AireOS 8.10 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9130AXI | IOS-XE 16.12.3 | IOS-XE 16.12.1 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9130AXE | AireOS 8.10.122.0 | AireOS 8.10 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9130AXE | IOS-XE 16.12.3 | IOS-XE 16.12.1 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9800 Series Wireless Controllers | C9800-L-C-K9 | IOS-XE 16.12.3 | IOS-XE 16.12.1 | 1.3.1.0 | Yes | Yes |
| Wireless | Catalyst 9800 Series Wireless Controllers | C9800-L-F-K9 | IOS-XE 16.12.3 | IOS-XE 16.12.1 | 1.3.1.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1840 Series) | AP1840 | AireOS 8.8.130.0 | AireOS 8.9.111 | 1.3.1.0 | Yes | Yes |
| Virtual | Cisco NGFWv | N/A | 6.4.0 | 6.4.0 | 1.3.1.0 | Yes | No |
| Virtual | Fortinet | N/A | Fortigate 5.6.2 | Fortigate 5.4 | 1.3.1.0 | Yes | No |
| Virtual | Palo Alto | N/A | 8.1.3 | 8.1.3 | 1.3.1.0 | Yes | No |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|---------|-------------------------------------|---|---------------------|--|----------------------------------|---|-----------------------------|
| Virtual | Riverbed | N/A | 9.0 | 9.0 | 1.3.1.0 | No | No |
| Virtual | Silver Peak | N/A | 7.3.9.0 | 7.3.9.0 | 1.3.1.0 | No | No |
| Switch | Cisco Catalyst 9200 Series Switches | C9200-24PXG | IOS-XE 16.12.3a | IOS-XE 16.11.1 | 1.3.0.0 | No | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200-48PXG | IOS-XE 16.12.3a | IOS-XE 16.11.1 | 1.3.0.0 | No | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-24PXG-2Y | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.3.0.0 | No | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-24PXG-4X | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.3.0.0 | No | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-48PXG-2Y | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.3.0.0 | No | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-48PXG-4X | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.3.0.0 | No | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300L | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.3.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300L-24T-4G C9300L-48T-4G C9300L-24P-4G C9300L-48P-4G C9300L-24T-4X C9300L-48T-4X C9300L-24P-4X C9300L-48P-4X | IOS-XE 16.12.3a | IOS-XE 16.11.1c | 1.3.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300L-48PF-4G C9300L-48PF-4X C9300L-48UXG-2Q C9300L-24UXG-2Q C9300L-48UXG-4X C9300L-24UXG-4X | IOS-XE 16.12.3a | IOS-XE 16.12.2 | 1.3.0.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|--|---------------------------|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 9600 Series Switches | C9600 | IOS-XE 16.12.3a | IOS-XE 16.11.1c | 1.3.0.0 | Yes | Yes |
| Router | Cisco 800 Series Routers | C891FJ-K9 | IOS 15.6(3)M5 | IOS 15.5(3)M2 | 1.3.0.0 | Yes | No |
| Router | Cisco 800 Series Routers | C892FSP-K9 | IOS 15.6(3)M5 | IOS 15.5(3)M2 | 1.3.0.0 | Yes | No |
| Router | Cisco 900 Series Routers | C921 C921J | IOS 15.8(3)M2 | IOS 15.8(3)M1 | 1.3.0.0 | Yes | No |
| Router | Cisco 900 Series Routers | C931 C931J | IOS 15.8(3)M2 | IOS 15.8(3)M1 | 1.3.0.0 | Yes | No |
| Router | Cisco 900 Series Routers | C941 C941J | IOS 15.8(3)M2 | IOS 15.8(3)M1 | 1.3.0.0 | Yes | No |
| Wireless | Catalyst 9100 Series Access | C9115AXI-X | IOS-XE 16.12.3 | IOS-XE 16.11.1c | 1.3.0.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access | C9115AXI/E-EWC | IOS-XE 16.12.3 | IOS-XE 16.11.1c | 1.3.0.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access | C9117AXI-X | IOS-XE 16.12.3 | IOS-XE 16.11.1c | 1.3.0.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access | C9117AXI/E-EWC | IOS-XE 16.12.3 | IOS-XE 16.11.1c | 1.3.0.0 | Yes | Yes |
| Wireless | Catalyst 9800 Series Wireless Controllers | Cat9400 Embedded Wireless | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.3.0.0 | Yes | Yes |
| Wireless | Catalyst 9800 Series Wireless Controllers | Cat9500 Embedded Wireless | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.3.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1840 Series) | AP1840 | IOS-XE 16.12.3 | IOS-XE 16.12.1 | 1.3.0.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1840 Series) | 1840.0 | AireOS 8.8.125 | AireOS 8.9.111 | 1.3.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200-24P | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200-24T | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200-48P | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.2.8.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|---|---------------|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 9200 Series Switches | C9200-48T | IOS-XE 16.12.3a | IOS-XE 16.10.1 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-24P-4G | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-24P-4X | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-24T-4G | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-24T-4X | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-48P-4G | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-48P-4X | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-48T-4G | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Catalyst 9200 Series Switches | C9200L-48T-4X | IOS-XE 16.12.3a | IOS-XE 16.9.2 | 1.2.8.0 | Yes | Yes |
| Switch | Cisco Nexus 9500 Series | N9K-C9504 | NXOS 9.2.1 | NXOS 9.2.1 | 1.2.8.0 | Yes | No |
| Switch | Cisco Nexus 9500 Series | N9K-C9508 | NXOS 9.2.1 | NXOS 9.2.1 | 1.2.8.0 | Yes | No |
| Switch | Cisco Nexus 9500 Series | N9K-C9516 | NXOS 9.2.1 | NXOS 9.2.1 | 1.2.8.0 | Yes | No |
| Wireless | Catalyst 9800 Series Wireless Controllers | C9800-40-K9 | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.2.8.0 | Yes | Yes |
| Wireless | Catalyst 9800 Series Wireless Controllers | C9800-80-K9 | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.2.8.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|--|-------------|---------------------|--|----------------------------------|---|-----------------------------|
| Wireless | Catalyst 9800 Wireless Controller (Cloud) | C9800-CL-K9 | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.2.8.0 | Yes | Yes |
| Router | Cisco 4000 Series Integrated Services Routers | ISR 4321 | IOS-XE 16.6.3 | IOS-XE 3.16 | 1.2.5.0 | Yes | Yes |
| Router | Cisco 4000 Series Integrated Services Routers | ISR 4331 | IOS-XE 16.6.3 | IOS-XE 3.16 | 1.2.5.0 | Yes | Yes |
| Router | Cisco 4000 Series Integrated Services Routers | ISR 4461 | IOS-XE 16.8.1 | IOS-XE 16.9.1 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1540 Series) | 1542d | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1540 Series) | 1542i | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1560 Series) | 1560.0 | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1800 Series) | 1800.0 | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1815 Series) | 1815i | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1815 Series) | 1815m | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1815 Series) | 1815w | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1830 Series) | 1832i | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|--|------------|---------------------|--|----------------------------------|---|-----------------------------|
| Wireless | Cisco Mobility Express for Aironet (1850 Series) | 1852e | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1850 Series) | 1852i | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (2800 Series) | 2800.0 | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (2800 Series) | 2800e | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (2800 Series) | 2800i | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (3800 Series) | 4800.0 | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (3800 Series) | 3800e | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (3800 Series) | 3800i | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (3800 Series) | 3800p | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (4800 Series) | 4800.0 | AireOS 8.8.130.0 | AireOS 8.8.100 | 1.2.5.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9115AXI-X | AireOS 8.10.122.0 | AireOS 8.9.100 | 1.2.10.0 | Yes | Yes |
| Wireless | Catalyst 9100 Series Access Points | C9117AXI-X | AireOS 8.10.122.0 | AireOS 8.9.100 | 1.2.10.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|---|---------------------------|---------------------|--|----------------------------------|---|-----------------------------|
| Wireless | Catalyst 9800 Series Wireless Controllers | Cat9300 Embedded Wireless | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.2.10.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-24P | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-24T | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-24U | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-24UX | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48P | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48T | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48U | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48UN | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9300 Series Switches | C9300-48UXM | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst Digital Building Series Switches | CDB | IOS 15.2(6)E1 | IOS 15.2(6)E1 | 1.2.0.0 | No | No |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4P | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|--------|---|----------------|---------------------|--|----------------------------------|---|-----------------------------|
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEP | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWA | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWB | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWD | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWE | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWF | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWH | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWN | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWQ | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWR | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1101-4PLTEPWZ | IOS-XE 16.8.1 | IOS-XE 16.8.1 | 1.2.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 2960 Series | C2960-P | IOS 15.2(4)E3 | IOS 15.2(2)E3 | 1.1.1.0 | Yes | No |

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|--------|-------------------------------------|-----------------------|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 2960 Series | C2960-C | IOS 15.2(4)E3 | IOS 15.2(2)E3 | 1.1.0.0 | Yes | No |
| Switch | Cisco Catalyst 2960 Series | C2960-CG | IOS 15.2(4)E3 | IOS 15.2(2)E3 | 1.1.0.0 | Yes | No |
| Switch | Cisco Catalyst 2960 Series | C2960-CPD | IOS 15.2(4)E3 | IOS 15.2(2)E3 | 1.1.0.0 | Yes | No |
| Switch | Cisco Catalyst 9300 Series Switches | C9300 Stack | IOS-XE 16.12.3a | IOS-XE 16.6.3 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9400 Series Switches | C9400 (Sup1E) | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9400 Series Switches | C9400-SUP-1 | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9400 Series Switches | C9400-SUP-1XL 1XL-Y | IOS-XE 16.12.3a | IOS-XE 16.8.1a | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9400 Series Switches | C9404R | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9400 Series Switches | C9407R | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9400 Series Switches | C9410R | IOS-XE 16.12.3a | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-12Q | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-16X | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|--------|---|-----------------|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 9500 Series Switches | C9500-24Q | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-24Y4C | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-32C | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-32QC | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-40X | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 9500 Series Switches | C9500-48Y4C | IOS-XE 16.12.3a | IOS-XE 16.8.1 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1112-8P | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1112-8PLTEEA | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8P | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PLTEEA | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PLTEEAWE | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PLTELA | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|--------|---|-----------------|---------------------|--|----------------------------------|---|-----------------------------|
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PLTELAWZ | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PLTELAWZ | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PM | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PMLTEEA | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PMWE | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PWA | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PWE | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1113-8PWZ | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1116 | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1117 | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Integrated Services Routers | C1118 | IOS-XE 16.7.1 | IOS-XE 16.6.2 | 1.1.0.0 | Yes | Yes |
| Router | Cisco 4000 Series Integrated Services Routers | ISR 4221 | IOS-XE 16.6.3 | IOS-XE 16.4.2 | 1.1.0.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|---|----------|---------------------|--|----------------------------------|---|-----------------------------|
| Router | Cisco 4000 Series Integrated Services Routers | ISR 4351 | IOS-XE 16.6.3 | IOS-XE 3.16 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1815 Series) | 1815i | AireOS 8.5.130 | AireOS 8.5.120 | 1.1.0.0 | No | No |
| Wireless | Cisco Aironet AP(1815 Series) | 1815m | AireOS 8.5.130 | AireOS 8.5.120 | 1.1.0.0 | No | No |
| Wireless | Cisco Aironet AP(1815 Series) | 1815t | AireOS 8.5.130 | AireOS 8.5.120 | | No | No |
| Wireless | Cisco Aironet AP(1850 Series) | 1852e | AireOS 8.5.120 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1540 Series) | 1542d | IOS-XE 16.10.1e | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1540 Series) | 1542d | AireOS 8.5.120 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1540 Series) | 1542i | IOS-XE 16.10.1e | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1540 Series) | 1542i | AireOS 8.5.120 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1560 Series) | 1560.0 | IOS-XE 16.10.1e | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1560 Series) | 1560.0 | AireOS 8.5.120 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1600 Series) | AP 1600 | IOS-XE 16.10.1e | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1700 Series) | AP 1700 | AireOS 8.5.120 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|--------------------------------|-----------|---------------------|--|----------------------------------|---|-----------------------------|
| Wireless | Cisco Aironet AP (1800 Series) | 1800.0 | AireOS 8.5.161.0 | AireOS 8.5.120 | 1.1.0.0 | No | No |
| Wireless | Cisco Aironet AP (1800 Series) | 1800.0 | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1815 Series) | 1815i | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1815 Series) | 1815m | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1815 Series) | 1815w | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1815 Series) | 1815w | AireOS 8.5.161.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1830 Series) | 1832i | AireOS 8.8.130.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | No |
| Wireless | Cisco Aironet AP (1830 Series) | 1832i | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1850 Series) | 1852e | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1850 Series) | 1852i | AireOS 8.8.130.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (2700 Series) | AP 2700 | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (2800 Series) | AP 2800 E | AireOS 8.8.130.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (2800 Series) | AP 2800 E | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |



| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|--|-----------|---------------------|--|----------------------------------|---|-----------------------------|
| Wireless | Cisco Aironet AP (2800 Series) | AP 2800 I | AireOS 8.8.130.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (2800 Series) | AP 2800 I | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (3700 Series) | AP 3700 | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (3800 Series) | AP 3800 E | IOS-XE 16.12.3 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (3800 Series) | AP 3800 E | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (3800 Series) | AP 3800 I | AireOS 8.8.130.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (3800 Series) | AP 3800 I | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (3800 Series) | AP 3800 P | AireOS 8.8.130.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (3800 Series) | AP 3800 P | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (4800) | AP 4800 | AireOS 8.8.130.0 | AireOS 8.5.120 | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (4800 Series) | AP 4800 | IOS-XE 16.12.3 | IOS-XE | 1.1.0.0 | Yes | Yes |
| Wireless | Cisco Mobility Express for Aironet (1850 Series) | 1852i | IOS-XE 16.12.3 | IOS-XE 16.10.1e | 1.1.0.0 | Yes | Yes |
| Virtual | ASA | ASAv | 9.6.1 | 9.6.1 | 1.1.0.0 | No | Yes |
| Virtual | ENCS | ENCS 5100 | 3.11.2 | 3.10.1 | 1.1.0.0 | No | Yes |

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|---------|--|----------------------------|---------------------|--|----------------------------------|---|-----------------------------|
| Virtual | ENCS | ENCS 5400 | 3.11.2 | 3.10.1 | 1.1.0.0 | No | Yes |
| Virtual | ISRV | ISRV | IOS-XE 16.6.3 | 15.3(1)S1 | 1.1.0.0 | No | Yes |
| Virtual | UCS C-Series Rack Servers | UCS-C220 | 3.11.2 | 3.10.1 | 1.1.0.0 | No | Yes |
| Virtual | UCS E-Series Blade Servers for ISR routers | UCSE on ISR43xx | 3.11.2 | 3.10.1 | 1.1.0.0 | No | Yes |
| Virtual | UCS E-Series Blade Servers for ISR routers | UCSE on ISR44xx | 3.11.2 | 3.10.1 | 1.1.0.0 | No | Yes |
| Virtual | WAAS | vWAAS | 16.2 | 16.2 | 1.1.0.0 | No | Yes |
| Switch | Cisco Catalyst 2960 Series | C2960-CX | IOS 15.2(4)E3 | IOS 15.2(3)E2 | 1.0.0.0 | Yes | No |
| Switch | Cisco Catalyst 2960 Series | C2960CX-8PC-L | IOS 15.2(4)E3 | IOS 15.2(3)E2 | 1.0.0.0 | Yes | No |
| Switch | Cisco Catalyst 2960-L Series | C2960-L | IOS 15.2(5)E | IOS 15.2(5)E | 1.0.0.0 | Yes | No |
| Switch | Cisco Catalyst 2960-X Series | C2960-X | IOS 15.2(4)E3 | IOS 15.2(2)E3 | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 2960-XR Series | C2960-XR | IOS 15.2(4)E3 | IOS 15.2(2)E3 | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 2960-XR Series | C2960-XR Stack | IOS 15.2(4)E3 | IOS 15.2(2)E3 | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 3560-CX Series | C3560-CX | IOS 15.2(6)E2 | IOS 15.2(3)E2 | 1.0.0.0 | Yes | No |
| Switch | Cisco Catalyst 3650 Series | C3650 (Copper) | IOS-XE 16.6.3 | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 3650 Series | C3650-Stack | IOS-XE 16.6.3 | IOS-XE 16.6.3 | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 3850 Series | C3850 (Copper/Fiber) | IOS-XE 16.6.3 | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 3850 Series | C3850-Stack (Copper/Fiber) | IOS-XE 16.6.3 | IOS-XE 16.6.3 | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4500-VSS | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4500X | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|--------|-------------------------------------|---------------------------|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 4500 Series Switches | C4503E (SUP 7E 7LE 8LE) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4503E (Sup 8E 9E) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4506E (SUP 7E 7LE 8LE) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4506E (Sup 8E 9E) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4507R+E (SUP 7E 7LE 8LE) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4507R+E (Sup 8E 9E) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4510R+E (SUP 7E 7LE 8LE) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 4500 Series Switches | C4510R+E (Sup 8E 9E) | IOS-XE 3.10E | IOS-XE 3.6.5E | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6500 Series Switches | C6500-VSS | IOS 15.5(1)SY1 | ≥ 15.0SY ≥ 15.3SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6500 Series Switches | C6503E (Sup 2T 6T) | IOS 15.5(1)SY1 | ≥ 15.0SY ≥ 15.3SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6500 Series Switches | C6504E (Sup 2T 6T) | IOS 15.5(1)SY1 | ≥ 15.0SY ≥ 15.3SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6500 Series Switches | C6506E (Sup 2T 6T) | IOS 15.5(1)SY1 | ≥ 15.0SY ≥ 15.3SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6500 Series Switches | C6509E (Sup 2T 6T) | IOS 15.5(1)SY1 | ≥ 15.0SY ≥ 15.3SY | 1.0.0.0 | Yes | Yes |

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|--------|--|------------------------------|---------------------|--|----------------------------------|---|-----------------------------|
| Switch | Cisco Catalyst 6500 Series Switches | C6513E (Sup 2T 6T) | IOS 15.5(1)SY1 | ≥ 15.0SY ≥ 15.3SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6800 Series Switches | C6807-XL (Sup 2T 6T) | IOS 15.5(1)SY1 | ≥ 15.1SY ≥ 15.3SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6800 Series Switches | C6840-X | IOS 15.5(1)SY1 | ≥ 15.2(2)SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Catalyst 6800 Series Switches | C6880-X | IOS 15.5(1)SY1 | ≥ 15.1SY | 1.0.0.0 | Yes | Yes |
| Switch | Cisco Nexus 7000 Series Switches | N7700 + M3 Linecards (Sup2E) | NX-OS 8.2 | NX-OS 7.3.1 | 1.0.0.0 | Yes | Yes |
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1001-HX | IOS-XE 16.6.3 | IOS-XE 16.3.1 | 1.0.0.0 | No | Yes |
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1001-X | IOS-XE 16.6.3 | IOS-XE 3.12.0 | 1.0.0.0 | No | Yes |
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1002-HX | IOS-XE 16.6.3 | IOS-XE 16.3.1 | 1.0.0.0 | No | Yes |
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1002-X | IOS-XE 16.6.3 | IOS-XE 3.7.0 | 1.0.0.0 | No | Yes |
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1006-X (RP2) | IOS-XE 16.6.3 | IOS-XE 3.16.0 | 1.0.0.0 | No | Yes |

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|--|------------------|---|--|----------------------------------|---|-----------------------------|
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1006-X (RP3) | IOS-XE 16.6.3 | IOS-XE 16.3.1 | 1.0.0.0 | No | Yes |
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1009-X (RP2) | IOS-XE 16.6.3 | IOS-XE 3.16.0 | 1.0.0.0 | No | Yes |
| Router | Cisco 1000 Series Aggregation Services Routers | ASR 1009-X (RP3) | IOS-XE 16.6.3 | IOS-XE 16.3.1 | 1.0.0.0 | No | Yes |
| Router | Cisco 4000 Series Integrated Services Routers | ISR 4431 | IOS-XE 16.6.3 | IOS-XE 3.16 | 1.0.0.0 | Yes | Yes |
| Wireless | Cisco 3504 Wireless Controller | AIR-CT3504 | AireOS 8.5.161.0, AireOS 8.8.130.0, AireOS 8.10.122.0, AireOS 8.10.130.0 | AireOS 8.5.120 | 1.0.0.0 | Yes | Yes |
| Wireless | Cisco 5520 Wireless Controller | AIR-CT5520 | AireOS 8.5.161.0, AireOS 8.8.130.0, AireOS 8.10.122.0, AireOS 8.10.130.0 | AireOS 8.5.120 | 1.0.0.0 | Yes | Yes |
| Wireless | Cisco 8540 Wireless Controller | AIR-CT8540 | AireOS 8.5.161.0, AireOS 8.8.130.0, AireOS 8.10.122.0, AireOS 8.10.130.0 | AireOS 8.5.120 | 1.0.0.0 | Yes | Yes |

| Device | Family | Model | Recommended Release | Minimum Supported Release ¹ | Minimum Cisco DNA Center Release | Cisco DNA Essentials license ² | Cisco DNA Advantage license |
|----------|--|---------|---------------------|--|----------------------------------|---|-----------------------------|
| Wireless | Cisco Aironet AP (1700 Series) | AP-1700 | AireOS 8.5.161.0 | AireOS 8.5.120 | 1.0.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1700 Series) | AP-2700 | AireOS 8.5.161.0 | AireOS 8.5.120 | 1.0.0.0 | Yes | Yes |
| Wireless | Cisco Aironet AP (1700 Series) | AP-3700 | AireOS 8.5.161.0 | AireOS 8.5.120 | 1.0.0.0 | Yes | Yes |
| Virtual | Cisco Cloud Services Router 1000V Series | CSRv | IOS-XE 16.6.3 | 15.3(1)S1 | 1.0.0.0 | Yes | Yes |

Footnotes

¹ Min supported version will only support Discovery and Inventory.

² For all devices, not fully supported for Essentials in 1.2, will be fully supported in subsequent releases.

³ For updated version on SDA Support, click here to go to SDA Compatibility Matrix Page

⁴ PnP may require enabling TLS v1.0 on Cisco DNA Center appliance unless using TLS v1.1 compliant images:

5.0 SD-Access Extension for IoT

6.0 ASA Device support is on ASA OS only

7.0 SVL Support on Cat 9k devices are only on Essentials and Advantage support expected to be available by end of CY'20

8.0 Appliance support has only Inventory, Discovery. SWIM and other features will be available in upcoming releases.

Appendix E | DoD Cisco Advanced Services SKUs on ESI Contract



Cisco DOD ESI
Advanced Services-V1