Cisco Intersight Infrastructure Service

Contents

Product overview

Cisco Intersight® Infrastructure Service is an infrastructure lifecycle management solution delivered as-a-service or as a connected or private virtual appliance. It helps IT operations teams see, control, and automate their compute, storage, and networking infrastructure—wherever it is—from one place. Intersight Infrastructure Service is a core module of the Cisco Intersight IT operations platform that provides a single dashboard for managing and automating your global infrastructure throughout its lifecycle. Intersight Infrastructure Service supports the Cisco Unified Computing System™ (Cisco UCS®) and Cisco HyperFlex® hyperconverged infrastructure, Cisco® networking platforms, virtualization and container platforms, third-party servers and storage, and other integration endpoints. Because it is SaaS software, Intersight Infrastructure Service functionality increases and expands with weekly releases.

With Intersight Infrastructure Service, you get all of the benefits of SaaS delivery and full lifecycle management of distributed infrastructure and workloads across data centers, remote sites, branch offices, and edge environments. This empowers you to deploy, configure, secure, update, maintain, automate, and scale your environment through a cloud-operating model in ways that were not previously possible. As a result, your organization can operate with consistency and control, stay in compliance, and strengthen your security posture to deliver IT infrastructure, resources, and applications faster to support business growth.

For Cisco infrastructure, Intersight Infrastructure Service works in conjunction with Cisco UCS Manager, Cisco Integrated Management Controller (IMC), and Cisco HyperFlex Connect. In addition, Intersight Infrastructure Service integrates with third-party storage, servers, virtualization, and other SaaS services. You can simply associate a model-based configuration to provision servers and associated storage and fabric automatically, regardless of form factor. Using profiles, IT staff can consistently align policy, server personality, and workloads. These policies can be created once and used to simplify server deployments, resulting in improved productivity and compliance, and lower risk of failures due to inconsistent configuration. In addition, Cisco provides integrations to third-party operations tools, such as ServiceNow, to allow customers to use their existing solutions more efficiently.

Intersight is my best friend. We use it daily, if not hourly, to manage globally distributed infrastructure and workloads. No more logs, no more spreadsheets.

Scott Adametz
Director of Technology for Riot Esports

Cisco Intersight Infrastructure Service technical features and benefits

Table 1. Main features and benefits

Feature	Benefits
Unified monitoring and management	• Simplify the monitoring and management of Cisco and third-party compute, network, storage, integrated systems, virtualization, and container resources, all from one IT operations platform. • Increase scale across data centers and remote locations without additional complexity. • Use unified dashboards for at-a-glance insights across Cisco and third-party resources. • Cisco UCS Manager, Cisco IMC software, Cisco HyperFlex Connect, and Cisco UCS Director tunneling allow access to element managers that do not have local network access.
Configuration, provisioning, and installation	• All Cisco and third-party resources can be allocated and reallocated among application workloads for more dynamic and efficient use of IT capacity. • Policy-based profiles and templates for deployment and configuration enable you to consistently provision and operate your IT infrastructure and resources, maintain standardization, eliminate configuration errors, and minimize configuration drift. • Leverage policies and templates or clone profiles to quickly provision Cisco UCS or HyperFlex servers, regardless of where they are deployed. • Create, deploy, and manage Cisco HyperFlex configurations. • Install vMedia-based operating systems on the managed UCS servers.
Security	• Built with security top-of-mind ◦ Supports industry-standard security protocols including HTTPS, TLS, and AES. ◦ Complies with Cisco InfoSec security and data handling standards, including encryption of all data.* ◦ ISO 27001 certified: standard for information security management systems. ◦ SOC 2 Type 2 certified: meets controls for confidentiality, security, and availability, among others. ◦ Trusted Cloud Provider of the Cloud Security Alliance with STAR Level One security trust assurance. ◦ Role-based access control authorizes and restricts system access based on user roles and privileges. ◦ Support for external identity providers using SAML 2.0 can be configured in Cisco Intersight to authenticate users. ◦ Management network separation: application workload data does not pass through to Intersight so no disruption to IT production workloads occurs if the Intersight connection is interrupted. • Operate with security top-of-mind ◦ Security advisories identified by Cisco's Product Security Incident Response Team alert you to potential risks and provide threat summaries, identify devices impacted in your environment, and provide recommended remediation. ◦ Audit logs record all actions taken on your infrastructure and can be filtered and/or searched by time stamps, affected objects, events, user logins/logouts, and more to facilitate SecOps investigations. ◦ Integrates with security information and event management (SIEM) platforms like Splunk through the Intersight API. ◦ Continuous identification of potential hardware compatibility issues in your environment against Cisco's Hardware Compatibility List (HCL) alert you to potential device inconsistencies and provide recommended actions to remediate. ◦ Integrates with webhooks to enable automatic notifications when threats or vulnerabilities in your infrastructure are identified. ◦ Provides end-of-life notices and device-support contract status to help ensure that infrastructure and infrastructure support are up to date. * For details on data collection in the Cisco Intersight platform, see the privacy data map of cloud services delivered by the Intersight platform on Cisco's Trust Portal here and the Intersight privacy data sheet here.

Feature	Benefits
	Note: Intersight's out-of-band management architecture makes it out of scope for some standards and/or audits, including PCI DDS (customer traffic, including cardholder data, does not flow through the Cisco Intersight platform) and HIPAA (no individually identifiable health information on the network is ever sent to the Cisco Intersight portal), although Intersight's data centers are PCI/HIPAA-compliant.
Automation and workflow orchestration	• Use a drag-and-drop designer to create and execute complex orchestrations across multiple infrastructure domains, applications, and external endpoints. • Start from a library of out-of-the-box automation tasks supporting operations across Cisco and third-party compute, network, storage, integrated systems, virtualization, containers, and other automation engines such as HashiCorp Terraform and Red Hat Ansible. • Use the custom task designer to create your own library of automated operations using open standards such as HTTP/API, Ansible, PowerShell, SSH, and more. • Use out-of-the-box workflows or create your own workflows by assembling tasks along with logical controls and loops. Built-in data transformation features help you adapt the format and flow of information as it passes through different domain automation and tasks. • Both workflow designer and custom task designer provide a drag-and-drop UI to simplify authoring with a low/no-code user experience. • Share your creations with colleagues or communities with import and export features. • All or any part of a workflow may be rolled back to simplify deprovisioning or to address individual issues.
Inventory information, status, and capacity planning	• Display and report inventory information for Cisco and third-party compute, network, storage, integrated systems, virtualization, and containers. • Use global search to rapidly identify systems based on names, identifiers, tags, and other information. • Monitor alerts and health status for IT infrastructure across data centers and remote locations. • Monitor and proactively manage HyperFlex storage capacity. • Track and manage firmware and platform software versions for Intersight-connected systems and across supported integrated infrastructures such as FlexPod. • Track and manage software versions and automated patch updates for Cisco UCS Director software installations.
Power management	• Set and apply power policies at the server or chassis level to control fan speed, BIOS settings, and power profiling settings to ensure systems operate with intended power usage. • Set policies across servers within a chassis to prioritize workloads and cap chassis-level power consumption in the event of high power demand or limited power availability.
Enhanced support and end-customer experience	• Raise service requests and proactively authorize Return Materials Authorizations (RMAs). • Get centralized alerts about failure notifications. • Automate the generation, forwarding, and analysis of technical support files to the Cisco Technical Assistance Center (TAC) to accelerate the troubleshooting process. • View current support contact status across the portfolio of managed systems to ensure systems have the expected level of support.
REST API	• Provides a RESTful API to manage IT infrastructure and resources across multiple data centers and edge locations. • Supports the OpenAPI Specification (OAS) to provide full programmability and deep integration. • The Python and PowerShell SDKs enable integrations with Ansible, Chef, Puppet, and other DevOps and IT Operations Management (ITOM) tools. • ServiceNow integration lets you ingest data from Cisco Intersight into the ServiceNow CMDB so you can see your Intersight-connected inventory in the ServiceNow IT operations management platform and resolve issues faster.

Feature	Benefits
Hardware compatibility list (HCL)	• Evaluate and mitigate the impact of service issues from running non-validated combinations of firmware, server models, processors, adapters, operating systems, and driver versions. • Use the Cisco UCS tools add-on for VMware, or the OS discovery tool (an open-source script) to collect OS and driver information to evaluate HCL compliance.
Seamless integration and upgrades	• Upgrade firmware and software for UCS domains, UCS servers, HyperFlex clusters, and UCS Director instances. Installation is supported for Cisco HyperFlex Edge and HyperFlex with Fabric Interconnect (FI) clusters. • Upgrades to Cisco Intersight Infrastructure Service are delivered automatically without requiring the resources of traditional management tool upgrades and operational disruptions.
Mobile app (not available for virtual appliance or private virtual appliance)	• Access Cisco Intersight Infrastructure Service on Android and iOS devices for a mobility-optimized connection to resources managed in your account. • Stay up-to-date with the status of your environment and connect with members of your IT organization to address critical issues on the go. • Open Cisco TAC cases. • Have access to multi-language support.
Tunneled vKVM	• Capability to launch tunneled virtual Keyboard, Video, and Mouse (KVM) sessions for Cisco UCS C-Series standalone servers.

Flexible deployment options

Cisco Intersight Infrastructure Service is SaaS software with the flexibility of advanced deployment options. You can take advantage of new features as they become available from Cisco without the challenges and complexity of maintaining your management tools.

The majority of our users enjoy the benefits of full SaaS management from Intersight instances in the eastern United States and Germany. Users can connect Cisco infrastructure directly to Intersight and connect third-party systems through a Cisco Intersight Assist on-premises appliance (more details below). However, if you have data locality or security needs for managing systems that may not accommodate a full SaaS model, you can leverage the on-premises Cisco Intersight Connected Virtual Appliance to connect those systems.

Alternately, the Cisco Intersight Private Virtual Appliance provides an easy way to deploy a VMware Open Virtual Appliance (OVA), which can be configured, deployed, and run on-premises without an internet connection. The Private Virtual Appliance allows you to take advantage of much of the SaaS functionality without connectivity back to Intersight.com. Both the Intersight Connected Virtual Appliance and Private Virtual Appliance provide advantages over conventional on-premises management tools.

Cisco Intersight Assist

The Cisco Intersight Assist enables you to claim third-party infrastructure, platforms, and other endpoints that are not directly SaaS-connected to Intersight, so they can become Intersight-managed. For example, you can use Intersight Assist to manage VMware, NetApp, Pure, Hitachi, and other on-premises infrastructure and platforms. Cisco Intersight Assist is deployed as a VM appliance running on premises, installed using an OVA that is available on Cisco.com. To learn more details about how Intersight Assist extends Intersight management to on-premises, third-party infrastructure and platforms, visit our help site. To learn how to install Cisco Intersight Assist, watch this video.

Monitoring and capacity planning

To support the complex environments created by modern applications and the dramatically increasing number of infrastructure endpoints, enterprises require analytics integrated tightly with their operations management tools. To enable these analytics capabilities, every Cisco UCS server, Cisco HyperFlex system, or Cisco UCS Director instance is configured to automatically connect and transmit to Cisco Intersight Infrastructure Service certain telemetry information over a secure channel (including serial numbers and IP addresses, the versions of Cisco software installed on an endpoint, and feature use data).

As an example of monitoring and capacity planning within Intersight Infrastructure Service, the HyperFlex performance chart provides details of the cluster performance for HyperFlex clusters and a snapshot of the configurable amount of time, showing input/output operations per second (IOPS), throughput, and latency data. Using the historical data of used storage capacity along with the predicted storage utilization per HyperFlex cluster, you can proactively scale the storage utilization on the HyperFlex clusters. An alarm is raised when the storage utilization is predicted to exceed the recommended capacity limit.

Enhanced automation and orchestration

Model-based deployment

Cisco Intersight Infrastructure Service provides model-based deployment for Cisco and third-party compute, network, storage, integrated systems, virtualization, and containers. For example, a Cisco UCS C-Series rack server can be set up quickly and easily by replicating an existing server profile for rapid configuration. The model-based deployment works for a single system in a remote location or hundreds of systems in a data center to enable rapid, standardized configuration and deployment. Similarly, HyperFlex platforms can be sent to their destination, have basic internet connectivity established locally, and then be configured and set up remotely through the cloud-based HyperFlex installer.

Automation and workflow orchestration

Intersight Infrastructure Service includes a drag-and-drop automation and workflow designer to create and execute complex workflows of operational tasks across Intersight-managed Cisco and third-party compute, network, storage, integrated systems, virtualization, and containers. A central workflow engine sequences the steps in workflows and automates their execution. A workflow executes a set of tasks, each designed to automate specific operations (for example, create, read, update, or delete) on any infrastructure or platform element. Workflows can consist of one or more tasks arranged to execute sequentially, repeatedly, in parallel, or conditionally, or they can include sub-workflows to help organize or reuse automation.

Users can select from a library of prebuilt tasks that automate popular operations across Cisco and third-party compute, network, storage, integrated systems, virtualization, and containers. These prebuilt library tasks are preintegrated with access to infrastructure models, inventory, and configuration information managed within Intersight to simplify task configuration and workflow creation. For example, to automate configuration of a VM property, a preintegrated task can enable the author to select which VM to operate on from the existing inventory of VMs that user can access. The preintegrated modeling could allow a workflow author to easily traverse to that VM's parent hypervisor host for additional configuration, the parent server operating the hypervisor, networks attached to that server, etc. Preintegrated configuration information also allows the orchestration author to control automation by other criteria.

In addition to the preintegrated automation task library, you can create your own custom tasks with the task designer using a variety of open integration methods such as constructing HTTP-based API calls, executing Ansible playbooks, PowerShell, or SSH.

A variety of workflows for popular orchestration use cases are included. You can also modify existing workflows or create your own using the workflow designer. The drag-and-drop designer makes it easy to assemble preintegrated tasks, custom tasks, and sub-workflows along with conditional statements and loops to construct any end-to-end orchestration you need across Cisco and third-party compute, network, storage, integrated systems, virtualization, and containers. For more information on automation and workflow orchestration, visit our help site.

Cisco HyperFlex cluster deployment

Cisco Intersight Infrastructure Service provides an installation wizard to install, configure, and deploy Cisco HyperFlex Edge and HyperFlex with fabric interconnect clusters. The wizard constructs a preconfiguration definition of your cluster, called a HyperFlex cluster profile. This definition is a logical representation of the HyperFlex nodes in your HyperFlex cluster. HyperFlex cluster profiles are built on policies that define sets of rules and operating characteristics, such as node identity, interfaces, and network connectivity. After gathering the node configuration settings to build a HyperFlex cluster profile, the installation wizard validates and deploys the HyperFlex cluster profile. More information is available on our help site.

REST API

Cisco Intersight Infrastructure Service includes an API based on the OpenAPI specification, a powerful definition format to describe RESTful APIs. Support for the OpenAPI specification provides users with access to an interoperable REST API with tools that automate the generation of the Intersight API documentation, API schemas, and SDKs. The Intersight API includes fully functional Python and PowerShell SDKs.

The API is an integral part of the broader open connector framework Cisco has established to enable the Intersight ecosystem to evolve. We currently support a ServiceNow plug-in to ingest and view Intersight inventory and view their relationships in the ServiceNow IT operations management platform. The ecosystem will be expanded to support a wide range of Cisco and third-party DevOps software.

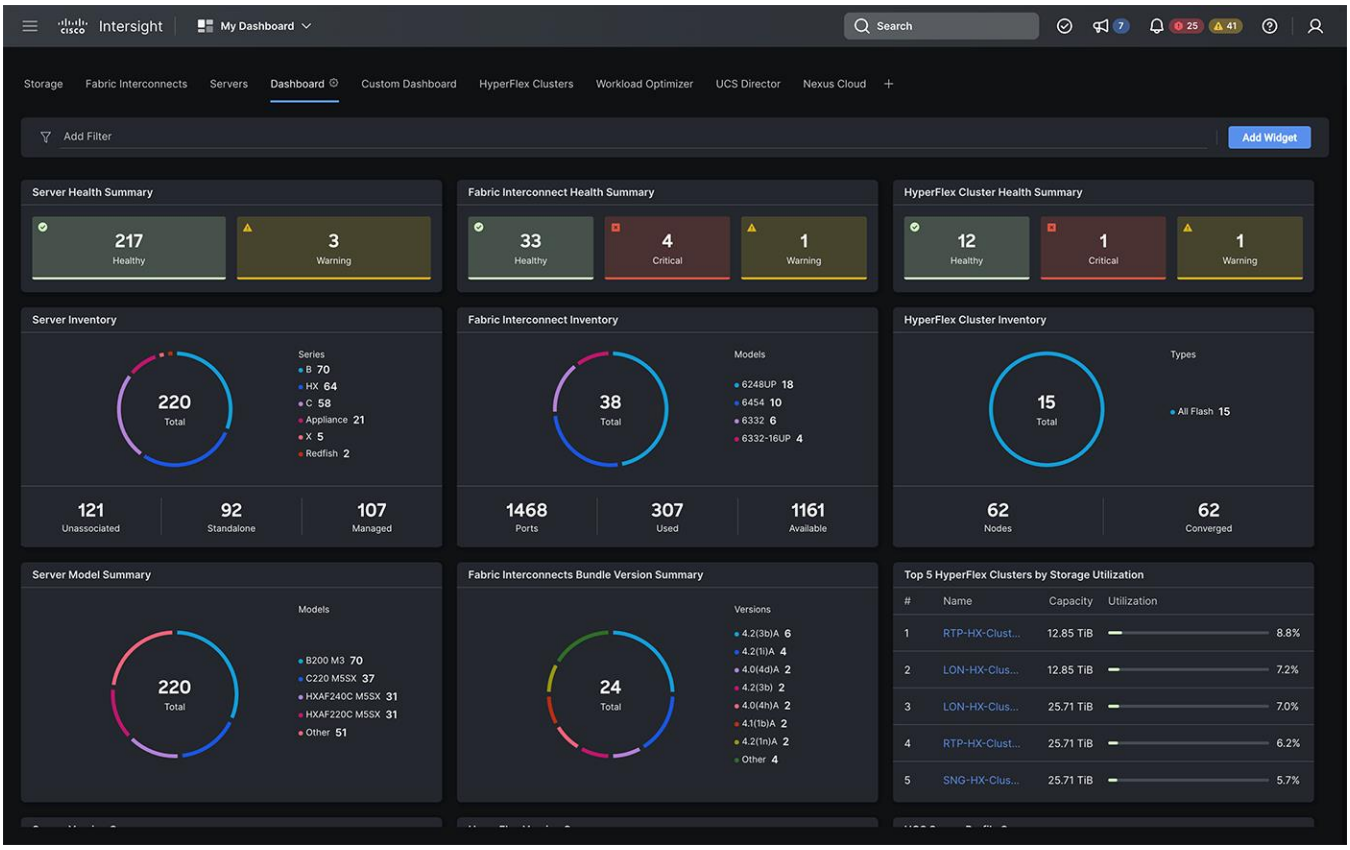

Figure 1.
Cisco Intersight Infrastructure Service dashboard

Customizable dashboard and mobile app

Cisco Intersight Infrastructure Service provides a dashboard (Figure 1) that spans Cisco UCS, Cisco HyperFlex, and third-party compute, network, storage, integrated systems, virtualization, and containers. The dashboard is user-customizable, allowing you to focus on the information and tasks that are relevant to your needs. You can create, customize, rename, and manage multiple dashboard views by adding, removing, or rearranging widgets on the dashboard. Intersight supports the display of up to 30 widgets per dashboard. This global dashboard includes features such as:

- Global inventory: Get information about inventory across supported systems, whether they are in the data center or at remote locations.
- Fault monitoring: Manage faults and set up alerting for all managed systems.
- Firmware status: Monitor and manage firmware versions.

Cisco Intersight Infrastructure Service allows you to monitor systems from a single management tool. However, if you need to look more deeply into a specific platform, IIS provides:

- Cross-launch capabilities for virtual Keyboard, Video, and Mouse (KVM) sessions.
- Tunneling capabilities for Cisco UCS Manager, Cisco UCS Director, Cisco IMC software, and Cisco HyperFlex Connect to allow secure access to the manager, whether you are inside or outside the corporate network.

The Cisco Intersight Infrastructure Service mobile app provides visibility on-the-go with its intuitive view of Intersight-connected systems. You can conveniently keep an eye on your data center and edge environments—anywhere, anytime. The mobile app is an Apple and Android application to monitor inventory, tasks, and alerts. You can also take actions, such as turning on LED locators and opening Cisco support cases.

Proactive support

The telemetry data and incidents collected from the Cisco Intersight–installed base are transmitted using secure communication mechanisms, and this information is available for use by the Cisco Technical Assistance Center (TAC) to provide insights and more proactive support. When combined with Cisco Smart Call Home, TAC cases can be automatically opened for certain faults. No matter how a TAC case is opened, if the system is connected to Cisco Intersight, the log files are automatically read from the system, attached to the TAC case, and automatically analyzed for known issues. For certain types of hardware failures, Return-Materials-Authorization (RMA) cases are automatically opened. The Cisco Intersight and TAC integration speeds case resolution, limits the impact on IT personnel, and ultimately increases system uptime.

Cisco Intersight Infrastructure Service also enables users to provide more direct feedback to our products. In addition, the tight integration with the TAC extends the solution scope by enhancing continuous delivery to further speed up fixes and future development.

Hardware compliance

Cisco Intersight Infrastructure Service evaluates your hardware and firmware compatibility to help ensure that your system is compliant with the Cisco Hardware Compatibility List. This process identifies unsupported configurations and alerts you to any potential problems that may arise from unknowingly running unsupported configurations.

Supported software

Cisco Intersight Infrastructure Service supports Cisco UCS and Cisco HyperFlex platforms with the software versions listed in Table 2.

Table 2. Supported software

Platform	Versions supported
Cisco UCS Manager	Release 3.2(1) and later
Cisco IMC Software	Release 3.0(4) and later
Cisco HyperFlex	Release 2.5.1 and later
Cisco UCS Director	Release 6.6 and later
Pure Storage FlashArray	Purity version 4.8 (API version 1.7) and later
VMware vCenter	6.7, 7.0, 8.0, and later

See the product documentation for a more detailed list of supported versions and caveats.

Virtual appliance system requirements

The Cisco Intersight Virtual Appliance and Private Virtual Appliance OVAs can be deployed on VMware ESXi 6.0 and higher. Table 3 describes the minimum system requirements. For additional information see the Getting Started Guide.

Table 3. Minimum system requirements

Item	Requirement
Supported hypervisors	VMware ESXi 7.0 and higher
Storage	500 GB
RAM	32 GB
vCPUs	16

See product documentation for more details and sizing guidelines.

Licensing

Cisco Intersight Infrastructure Service is licensed on a subscription basis with a choice of license editions. Capabilities increase with the different license tiers. Customers can purchase a subscription duration of one, three, or five years and choose the Cisco UCS server volume tier they need for the selected subscription duration.

Starting from the M7 server generation, an Intersight Essentials or above license is required. Every M7 server is bundled with a license.

For earlier server generations, an Intersight license is highly recommended, but not required.

Customers can purchase an Essentials or above license when they purchase the server using the Cisco Ordering tool. See Table 4 for ordering PIDs.

Table 4. Cisco Intersight Infrastructure Service tier

License tier	Description
Essentials	Includes functionality for server lifecycle management, for example: • Platform-level settings for user and SDK/API access, permissions, licensing, and audit. Support for health monitoring, tagging and search, basic data inventory, and multifactor authentication. • Support for Cisco UCS and HyperFlex basic inventory, firmware, and dashboard management. • Simplification of compute infrastructure management with policy-based configurations using server profiles for Cisco UCS and HyperFlex. • Power policy management for servers, BIOS, and OS as well as dynamic power rebalancing. • Installation, monitoring, and upgrading of HyperFlex clusters. Use Intersight as an invisible cloud witness for Cisco HyperFlex Edge. • FlexPod converged infrastructure inventory, including servers, SAN switching, storage, VMware virtualization, and Cisco fabric interconnects. • Capability to connect with Dell PowerEdge and HPE ProLiant Servers or other third-party servers through the Redfish API. • Receiving alerts about endpoint devices that are impacted by supported security advisories and field notices along with recommended remediation. • Acceleration of troubleshooting with hardware compatibility alerts, proactive RMAs, and automated gathering and uploading of log files for Cisco Intersight–connected devices through the Cisco Technical Assistance Center (TAC). **Note: Detailed feature list can be found here: Intersight.com Licensing Page**
Advantage	Offers all of the functionality of Essentials, plus features for automation, orchestration, and advanced server management. For example: • Create and execute complex workflows with a drag-and-drop designer or incorporate existing automations from Ansible, Terraform, or other tools using the Cisco Intersight API and SDKs. • Simplify the cloud experience with visibility of virtualization infrastructure and normalization of operations across multiple clouds. • Resolve issues faster by ingesting Cisco Intersight–connected servers, storage, data-center networking, and virtual machines into the ServiceNow IT operations management platform using the Service Graph Connector for Cisco Intersight plug-in, available on the ServiceNow store. **Note: Detailed feature list can be found here: Intersight.com Licensing Page.**

Ordering information

Cisco Intersight Infrastructure Service subscriptions can be ordered in one-year, three-year, and five-year subscription periods. In addition, volume discounts are available for customers ordering more than 200 device (server) subscriptions at the same time. Separate license options are detailed in Table 5 for the SaaS version on Intersight.com and the virtual appliance.

Cisco Smart Accounts and Smart Licensing are mandatory for Cisco Intersight. In addition, a Cisco Connection Online (CCO) user account is mandatory to use the Cisco Intersight user interface.

Note: The Cisco Intersight Infrastructure Services SaaS license allows the customer to select SaaS or CVA (Connected Virtual Appliance) deployment options. Please refer to the Flexible Deployment Options section for more information about CVA.

Table 5. Ordering information

Part number	Description
DC-MGT-SAAS	Product family – Cisco Intersight
DC-MGT-IS-SAAS-ES	Cisco Intersight Infrastructure Services SaaS - Essentials
DC-MGT-IS-SAAS-AD	Cisco Intersight Infrastructure Services SaaS - Advantage
DC-MGT-IS-PVAPP-ES	Cisco Intersight Infrastructure Services Private Virtual Appliance - Essentials
DC-MGT-IS-PVAPP-AD	Cisco Intersight Infrastructure Services Private Virtual Appliance - Advantage

Simplify application resource management with Cisco Intersight Workload Optimizer

Cisco Intersight Workload Optimizer (IWO) is an optional service that can be purchased with or without Cisco Intersight Infrastructure Service. It is a real-time decision engine that ensures the health of applications across your on-premises and public cloud environments while lowering public cloud costs. The intelligent software continuously analyzes workload demand, resource consumption, public cloud resource costs, and policy constraints to determine an optimal balance. IWO makes recommendations for workload placement and resource allocation by systems in your data center and the public cloud, and in many cases can automate real-time optimization.

The software can determine when, where, and how to move and resize workloads, taking advantage of the elasticity of public-cloud resources and ensuring that on-premises resources are fully utilized. By tracking historical data, Intersight Workload Optimizer can effectively model capacity planning and migration scenarios to determine how much infrastructure you will need and when you will need it, reducing risk and ensuring predictable performance and cost.

Cisco environmental sustainability

Information about Cisco's environmental sustainability policies and initiatives for our products, solutions, operations, and extended operations or supply chain is provided in the "Environment Sustainability" section of Cisco's Corporate Social Responsibility (CSR) Report.

Reference links to information about key environmental sustainability topics (mentioned in the "Environment Sustainability" section of the CSR Report) are provided in Table 6.

Table 6. Environmental sustainability

Sustainability topic	Reference
Information on product material content laws and regulations	Materials
Information on electronic waste laws and regulations, including products, batteries, and packaging	WEEE compliance

Cisco makes the packaging data available for informational purposes only. It may not reflect the most current legal developments, and Cisco does not represent, warrant, or guarantee that it is complete, accurate, or up to date. This information is subject to change without notice.

Cisco Capital

Flexible payment solutions to help you achieve your objectives

Cisco Capital® financing makes it easier to get the right technology to achieve your objectives, enable business transformation, and help you stay competitive. We can help you reduce the total cost of ownership, conserve capital, and accelerate growth. In more than 100 countries, our flexible payment solutions can help you acquire hardware, software, services, and complementary third-party equipment in easy, predictable payments. Learn more.

For more information

For additional information, visit Cisco Intersight at: cisco.com/go/intersight.

Document history

New or revised topic	Described in	Date
Added security features	Page 4, Features and benefits	February 27, 2023
Added power management	Page 4, Features and benefits	February 27, 2023
Added Intersight Instance in Germany	Page 6, Flexible deployment options	February 27, 2023
Cisco Intersight Cloud Orchestrator changed to "Automation and workflow orchestration"	Page 8, Enhanced automation and workflow orchestration	February 27, 2023
6.0, 6.5 removed; 7.0, 8.0 added	Page 11, VMware VCenter versions supported	February 27, 2023
6.0 removed; 7.0 added	Page 11, VMware ESXi requirement	February 27, 2023
Updated licensing requirements	Page 12, Licensing	February 27, 2023
Updated licensing tier table to reflect Essentials and Advantage and corresponding functionality	Pages 12–13, Licensing tier table	February 27, 2023
Updated ordering information and ordering information table	Page 13, Ordering information	February 27, 2023

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