



# Supported Targets and Licensing Requirements

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## Supported Targets

For a list of supported targets and configuration requirements, see Target Configuration in the [Cisco Intersight Workload Optimizer Target Configuration and User Guide](#).

## Intersight Workload Optimizer Licensing

Cisco Intersight Workload Optimizer uses a subscription-based license with multiple tiers. You can purchase a subscription duration of one, three, or five years and choose the tier they need for the selected subscription duration. The unit of measure is the number of virtual machines instances or number of virtual desktop instances. Intersight Workload Optimizer is a SaaS-only offer.

You can purchase any of these Intersight Workload Optimizer license tiers using the Cisco ordering tool or initiate a trial from Intersight.

- **Cisco Workload Optimizer Essentials**—Cisco Intersight Workload Optimizer Essentials enables customers to optimize hybrid cloud infrastructure both on-premises and in public clouds.
  - Compute, hyperconverged systems, hypervisors, storage and network devices are supported in this tier.
  - On-going optimization, capacity planning, workload placement and automation of recommendations actions for hybrid cloud infrastructure is supported.
- **Cisco Workload Optimizer Advantage**—In addition to the functionality provided in the Essentials tier, Advantage tier extends the functionality to:
  - Support for containers, packaged applications and databases, workflow integration with full-stack optimization and automation.

- Container (Kubernetes) pod and resource optimization (horizontal and vertical scaling, sizing and placement).
- Databases servers and database services.
- Application servers and Application Performance Management (AppDynamics) integrations.
- **Cisco Workload Optimizer Premier**—In addition to the functionality provided in the Advantage tier, Premier tier extends the functionality to:
  - Ingest, visualize, and correlate data from 3rd party APM tools and open source/API-based proprietary tools to provide an end-to-end view.

## Intersight Workload Optimizer License Tiers

The following table lists the Intersight Workload Optimizer features and functionality distributed by the license tiers.

Category	Features	Essentials	Advantage	Premier
Infrastructure	Public Cloud / Instances	✓	✓	✓
	On Premises / Hypervisors Non-UCS Compute	✓	✓	✓
	Hyperconverged - HyperFlex Non-HyperFlex	✓	✓	✓
	Storage	✓	✓	✓
	Network Aware Placement	✓	✓	✓
	VDI	✓	✓	✓

Category	Features	Essentials	Advantage	Premier
Containers, AppDynamics, Packaged Apps and Workflow	Container Pod Horizontal & Vertical Scaling		✓	✓
	Container Rightsizing, Cluster Scaling and Pod Redistribution		✓	✓
	Application Performance Monitoring - AppDynamics <ul style="list-style-type: none"> <li>• 360-degree perspective for all Staff: Business, App/Dev, SRE, CloudOps and IT</li> <li>• AI-Driven Application Resourcing</li> </ul>		✓	✓
	Application Server/JVM, Database Servers, and Database Services like Tomcat, Websphere etc.*		✓	✓
	Workflow Integration like ServiceNow*		✓	✓
Third Party APM and Non-APM (OpenSource)	Application Performance Monitoring (APM) Integration like Dynatrace*			✓
	Application Performance Extensibility (APEX) Ingest, Correlate, Visualize Custom Metrics			✓



**Important** \*Names here are for illustration purposes only. Refer to the [Cisco Intersight Workload Optimizer Target Configuration and User Guide](#) for the supported targets.

## Intersight Workload Optimizer License Status

Intersight Workload Optimizer account license state could be one of the following depending on your subscription status:

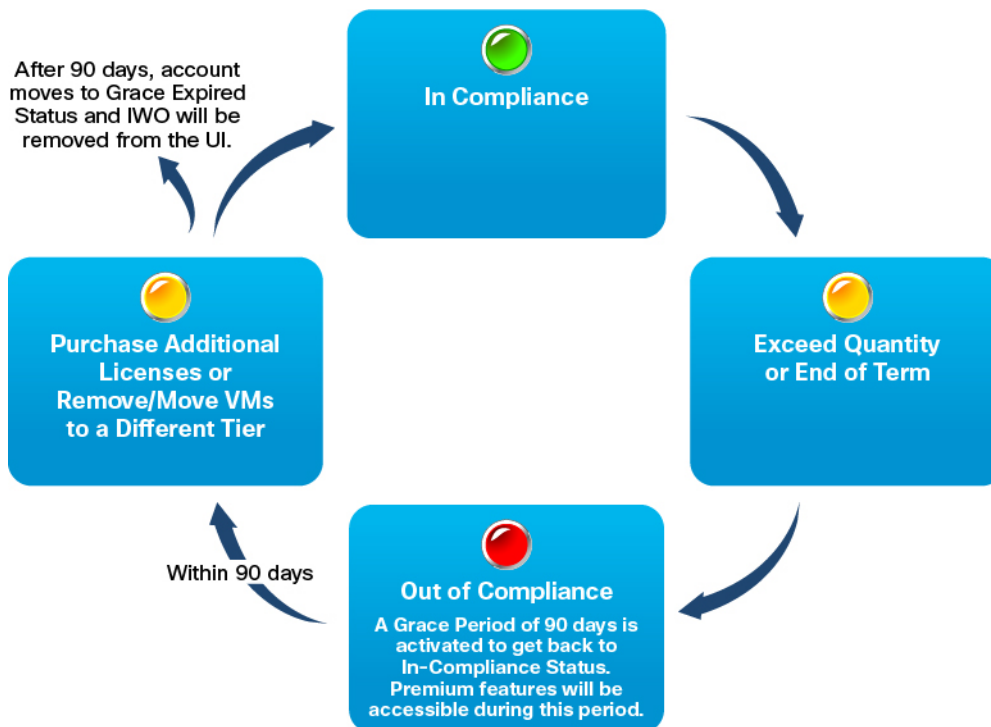
- **Not Used**—This status is displayed when the VM/Workload count in a license tier is 0.
- **In Compliance**—The account licensing state is in compliance and all the supported features are available to the users.
- **Out of Compliance**—The account license status displays Out of Compliance in the following cases:
  - When not enough valid licenses are available because the subscription has reached the end of term or you have more VM/Workloads in the license tier than available licenses.
  - When the grace period of 90 days is active or expired
  - The VM/Workloads are added to the account but not registered in the Smart Licensing account

**Attention**

- Multiple licensing tiers is not supported for Workload Optimizer.
- After you purchase and activate additional licenses from the Cisco Smart Licensing portal, click the Refresh icon in the Subscription pane to sync the licensing status with that in the portal.

As a new Intersight user, you can evaluate Intersight Workload Optimizer for a period of 45 days without a registered license. During the Trial period, the premier features of Intersight Workload Optimizer are available. You can view details of the Evaluation period in the **License** page under **Settings**. **You can use the trial license for Workload Optimizer once ONLY.** You must activate a valid license before the trial period ends and the status moves to **Trial Expired** to continue using Intersight Workload Optimizer.

When an account license status moves to Out of Compliance, a **Grace period of 90 days** is triggered. In this period, you can continue to use the premium features, but the account license status remains Out of Compliance. To get back in compliance, you must purchase additional licenses or remove a VM/Workload from the existing tier or move it to a lower tier. If you do not renew your license within the 90 days, the license state moves to **Grace Expired** and the license is downgraded to Base-level functionality and the premium features become unavailable. You must register a valid license again to resume using the features. For example, if an account has a valid license for 20 VM/Workloads and if you claim another VM/Workload into the account, the status moves to Out of Compliance and the grace period is initiated. However, you can continue to access the features as before. To restore the In Compliance status, you can move one of the VM/Workloads to a lower tier (Essentials/Advantage, as required).



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# Intersight Workload Optimizer Roles and Privileges

Intersight provides Role-Based Access Control (RBAC) to authorize or restrict system access to a user, based on user roles and privileges. A user role in Intersight represents a collection of the privileges a user has to perform a set of operations and provides granular access to resources. Intersight provides role-based access to individual users or a set of users under Groups. For the complete list of roles and privileges in Intersight and details on managing roles and privileges see [Role Based Access Control in Intersight](#).

Intersight Workload Optimizer Roles	Permissions
Workload Optimizer Observer	As a Workload Optimizer Observer, you can view the state of the environment and recommended actions. You cannot run plans or execute any recommended actions.
Workload Optimizer Advisor	As a Workload Optimizer Advisor, you can view all Workload Optimizer charts and data, and run plans. You cannot reserve workloads, or execute any recommended actions.
Workload Optimizer Automator	As a Workload Optimizer Automator, you can execute recommended actions and deploy workloads. You cannot perform administrative tasks.
Workload Optimizer Deployer	As a Workload Optimizer Deployer, you can view all Workload Optimizer charts and data, deploy workloads, and create policies and templates. You cannot run plans or execute any recommended actions.
Workload Optimizer Administrator	As a Workload Optimizer Administrator, you can access all Workload Optimizer features and perform administrative tasks to configure Workload Optimizer.

