Migrate to Splunk Cloud Platform

Adopting an AI-driven cloud-first strategy enables organizations of all sizes to increase agility, reduce costs, decrease time to market and empower innovation. As you embark on your cloud migration journey with Splunk, we'd like to equip you with the right resources and tools to enhance your digital resilience.

The Splunk Cloud Platform Advantage

Splunk® Cloud™ delivers the capabilities of Splunk as Software-as-a-Service (SaaS), enabling you to make confident decisions and take decisive action on insights from your data without the need to purchase, manage and deploy additional infrastructure. Ensure fast time to value, security and reliability by outsourcing your infrastructure management and admin tasks to Splunk, so your employees can focus on core, high-priority activities.

Migration to Splunk Cloud Platform	
Service excellence	With your IT backend managed by our Splunk experts, you can focus on acting on your data.
Fewer infrastructure requirements	Splunk-provisioned and -managed infrastructure delivers a turnkey, cloud-based data analytics solution.
Certified	FedRAMP Authorized at the Moderate and High Impact Level by GSA FedRAMP PMO; meets U.S. persons requirements under ITAR; SOC 2 Type 2, ISO 27001, PCI and HIPAA compliant.
Flexible deployment options	The Splunk Cloud Platform team builds and operates your dedicated AWS, Google Cloud Platform and newly added Microsoft Azure environment to ensure that the service is compliant and resilient.

Getting Started

First, download the free [Splunk Migration Assessment App](#), which helps you analyze your on-premises Splunk installation and understand which apps can be easily migrated into Splunk Cloud and which require additional steps, such as App Vetting.

Should I re-configure my Splunk environment or migrate existing settings?

There are two options to consider when moving to Splunk Cloud:

- You may wish to start with a **brand new** Splunk Cloud stack and re-install your apps and re-create your dashboards manually. This is often appropriate for simple environments, and appropriate if you are planning to address new use cases or tidy up historic configurations.
- Alternatively, if you want your new Splunk Cloud environment to be configured like your existing on-premises Splunk Enterprise environment you can **copy** your old configurations and settings. Optionally, you can also copy your existing ingested data to allow seamless historic searching. This option requires [engaging with Splunk Professional Services](#). Reach out to your account team or to ps-sales@splunk.com for more information.

Whichever option you choose, please consider that you need to maintain your existing environment to accurately transfer and validate anything moved from the existing environment to Splunk Cloud.

Key Things to Remember Prior to Your Migration.

1. Understand the service and differences between on-premises Splunk deployments and Splunk Cloud

- Splunk Cloud and Splunk Enterprise have significant feature overlap (>95%). However, some features are implemented differently. Detailed differentiation is documented [here](#).
- Splunk Cloud is a standardized service (SaaS) offering. When moving a Splunk on-premises/hosted configuration, it may require modification to ensure compatibility with the standardized service (SaaS) offering.
- It is the same service no matter which underlying cloud service provider you choose: AWS, Google Cloud or Microsoft Azure. Note that FedRAMP is only supported on AWS.
- The [Cloud Migration Assessment App](#) helps you understand the tasks that will need to be carried out to perform a migration and provides an optional export that can be sent for additional review and scoping.
- Hybrid deployments have additional considerations. See the table in the [search section in the Service Description](#) for details.

SOLUTION SUCCESS GUIDE

Responsibilty		Splunk Enterprise Deployed On-Premises	Splunk Cloud Platform
Admin Tasks: One-time Setup	Purchase/rent HW	Customer	Splunk
	Rack and stack, cable, network all HW	Customer	Splunk
	Install Splunk	Customer	Splunk
	Install OS	Customer	Splunk
	Configure Splunk (create users, load apps, configure)	Customer	Splunk
	Configure indexes	Customer	Splunk
	Setup HA/clustering	Customer	Splunk
	Setup disaster and recovery	Customer	Splunk
	Configure forwarders	Customer	Customer
	Onboard data	Customer	Customer
	Integrate with LDAP/AD	Customer	Joint
Admin Tasks: Ongoing	Scale up HW	Customer	Splunk
	Install Splunk patches/upgrades	Customer	Splunk
	Install OS patches/upgrades	Customer	Splunk
	Monitor deployment/health checks	Customer	Splunk
	Manage forwarders	Customer	Customer
	Create users/roles	Customer	Customer
	Manage indexes	Customer	Customer
	Onboard additional data	Customer	Customer
	Load search head only apps	Customer	Joint
	Load distributed apps	Customer	Joint
	Load premium apps	Customer	Splunk
	Export data	Customer	Customer
User Tasks	Search, alerts, reports, dashboards	Customer	Customer

Managing a Splunk deployment involves 12 ongoing admin tasks, 6 of which are conducted by Splunk for a Cloud-based deployment

2. Understand the shared responsibility between you and Splunk

Both Splunk and you are responsible for supporting your Splunk Cloud environment.

The focus is on making the user experience as self-serviced as possible, while Splunk helps administer the rest as indicated in the table above. Updates that need to be made by Splunk are requested by logging a support ticket, and the changes will be addressed per SLO's associated with your Support Plan – see "Support Offerings" for the overview and the estimated response times for P3 tickets.

3. Understand service capability (Apps and add-ons)
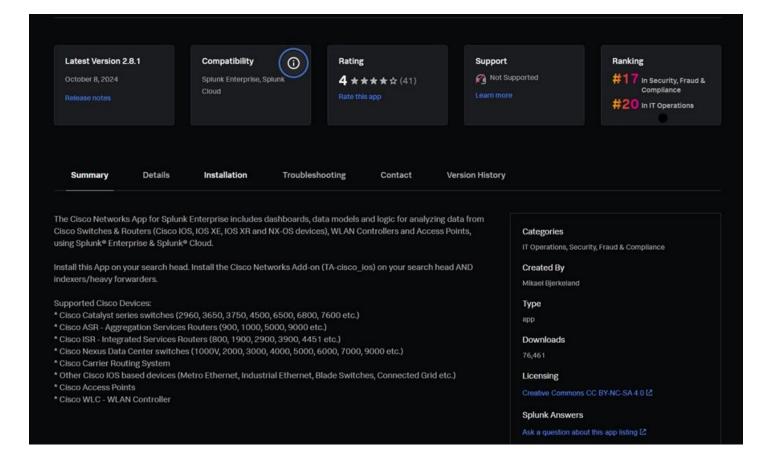
Splunk Cloud environments meet strict security and compliance standards as described in the service description. In order to guarantee secure, compliant and reliable service, any Splunk Apps or Add-ons that are deployed into Splunk Cloud must be approved for Splunk Cloud.

Many standard Splunk Apps and Add-ons have already been approved for Splunk Cloud, and these are indicated in Splunkbase as Splunk Cloud compatible. These apps and add-ons can either be deployed directly by the user Splunk Cloud admin via the UI or by a member of Splunk Support when you raise a request.

You can determine if an app or an add-on has been Splunk Cloud approved by checking its corresponding page on Splunkbase. The app or add-on will indicate "Splunk Cloud" the list of compatible products

If the app or add-on has not been Splunk Cloud approved, which includes all Custom Apps, then the user Splunk Cloud Admin can submit the app or add-on online for vetting. If the app passes vetting, then the user Splunk Cloud admin can follow instructions for installing the app. If the app does not pass vetting, then the app will need to be updated until it does. Splunk Professional Services can assist with understanding app vetting requirements and provide guidance on paths forward.

Criteria for passing app vetting are shown on Splunk Dev. The checks performed are indicated with an "x" in the Cloud column. You can also validate apps in advance using Splunk's AppInspect API or CLI Tool, although additional manual checks may be required. Splunk Dev also outlines the app vetting process. .

Documentation, Education and Getting Help

- Read the Splunk Cloud Service Description thoroughly, which gives details about the service.
- Read the Splunk Cloud Admin Manual for an overview of working in Splunk Cloud.
- If you are, or will be a Splunk Cloud Admin (sc admin), take the Splunk Cloud Administration course and refer to documentation on the Cloud Monitoring Console for continuous monitoring of the health and usage of your Splunk Cloud Platform environments. Experienced Splunk Enterprise Admins should take the Transitioning to Splunk Cloud Platform class instead.
- If you need help as a Splunk Cloud customer, based on your support contract, you can check Splunk Answers and Splunk Docs for guidance, contact Splunk Support or log a request on the Splunk Support Portal.

Service Level Agreement and Maintenance Policy

Splunk's commitment to the customer regarding Splunk Cloud maintenance policy and service availability are defined by two documents:

1. Splunk Cloud Service Maintenance Policy: Outlines what to expect for scheduled maintenance or upgrade events in Splunk Cloud.
2. Splunk Cloud Service Level Schedule: Outlines Splunk Cloud's Service Level Commitment, including our uptime and availability commitment, exclusions to what is considered downtime and the customer's recourse in the event the service is unavailable. This is also referenced as our Service Level Agreement or SLA.

Make Your Migration Seamless

Splunk Cloud allows you to take advantage of the industry-leading capabilities of Splunk® Enterprise as a cloud-based service without architecting, procuring and administering the infrastructure. Splunk Cloud allows you to flexibly, easily and quickly scale the system to your needs, and the experts running Splunk Cloud provide a reliable and compliant system.

We're committed to making the migration experience from Splunk on-premises to Splunk Cloud as seamless as possible for you. Make sure to use the Splunk Migration Assessment app for guidance and read the Splunk Cloud Service Description; Splunk Professional Services provides Migration Success Offerings to assist you through the process as well.

Learn More>   Take a tour >   Get Started>