



Transitioning to Splunk Cloud

This 2-virtual day course highlights key differences between Splunk Enterprise deployed on-premise and Splunk Enterprise Cloud to allow Splunk Administrators to transition to Splunk Cloud.

The course provides the skills and knowledge for Splunk Cloud administrators to collect and ingest data as well as manage their cloud environment and maintain a productive Splunk SaaS deployment.

Course Topics

- Splunk Cloud SaaS
- User Authentication and Authorization
- Index Management and Data Retention
- Cloud Ingestion – Using Splunk Forwarders
- Cloud Ingestion – Use API, HEC and Scripted Inputs
- Cloud Ingestion – Using Apps and IDM Inputs
- Installing and Managing Apps
- Refine and Manipulate Inputs
- Working with Cloud Support

Course Prerequisites

Required:

- Splunk Fundamentals 1 & Splunk Fundamentals 2
- Splunk System Administration and Splunk Data Administration

Class Format

Instructor-led lecture with labs, delivered via virtual classroom, or at your site.

Course Modules

Module 1 – Splunk Cloud SaaS

- Describe Cloud SaaS benefits and features
- Identify Splunk Cloud administrator managed tasks
- Explain the differences between Splunk Enterprise on premise and Splunk Enterprise Cloud

Module 2 – User Authentication and Authorization

- Identify Splunk Cloud authentication options
- Add Splunk users using native authentication
- Integrate Splunk with LDAP, Active Directory or SAML
- Understanding Splunk authorization options

Module 3 – Index Management and Data Retention

- Understand cloud indexing strategy
- Create indexes in cloud
- Manage data retention and archiving
- Monitor indexing activities

Module 4 – Cloud Ingestion – Using forwarders

- Review cloud ingestion strategies
- Understand the role of forwarders in GDI

- Configure forwarding to Splunk Cloud
- Monitoring forwarder connectivity
- Explore optional forwarder settings

Module 5 – Cloud Ingestion – Using API, HEC and Scripted Inputs

- Understand how data is ingested using API
- Describe how to use HEC for ingestion
- Know how to deploy scripted inputs

Module 6 – Cloud Ingestion – Using Apps and IDM Inputs

- Understand how inputs are managed using in apps or add-ons
- Describe how customers may use Splunk Stream app
- Deploy Cloud inputs for use on an IDM

Module 7 – Installing and Managing Apps

- Understand how apps and add-ons are vetted and installed in Cloud
- Create apps to managing and distribute configurations

Module 8 – Refine and Manipulate Inputs

- Create and define props and transforms using the UI
- Understand how to create, modify and deploy configs in Cloud
- Masking data and removing data prior to ingestion
- Dirty data and performance gains

Module 9 – Cloud Support and Troubleshooting

- Troubleshooting Splunk deployments
- Collecting data and use diagnostics or monitoring to investigate
- Explore diagnostic tools used to troubleshoot common issues
- Overview of how to submit request with the relevant data for support to troubleshoot

About Splunk Education

Splunk classes are designed for specific roles such as Splunk Administrator, Developer, User, Knowledge Manager, or Architect.

Certification Tracks

Our certification tracks provide comprehensive education for Splunk customer and partner personnel according to their areas of responsibility.

To view all of Splunk Education's course offerings, or to register for a course, go to <http://www.splunk.com/goto/education>

To contact us, email Education_AMER@splunk.com

About Splunk

Splunk is software that indexes, manages and enables you to search data from any application, server or network device in real time. Visit our website at www.splunk.com to download your own free copy.

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