



# Architecting and Deploying Splunk 4.2

This one-day course focuses on large enterprise deployments. Students will learn steps and best practices for planning, data collection, sizing, and distributed deployment.

## Course Topics

- Infrastructure planning
- Data collection
- Data comprehension
- Search performance
- High level development and external integration concepts
- Operations and management

## Course Prerequisites

Using Splunk course  
Adminstrating Splunk course

## Class Format

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

## Course Objectives

### Infrastructure Planning

- Understand sizing, retention policies, and indexes
- Consider security, authentication, and access control
- Plan for high availability and disaster recovery

### Data Collection

- Identify and choose remote data collection options
- Understand non-standard data sources and scripted inputs

### Data comprehension

- Identify best practices for index-time settings

### Search performance

- Identify best practices for querying, reporting, and alerting

### Development and External Integration

- Understand development and integration concepts

### Operations and Management

- Understand deployment and distributed systems management
- Apply governance and change control
- Leverage Splunk self-monitoring options
- Understand job management
- Implement backup, recovery, and archiving rules
- Plan for high availability, failover, and disaster recovery

## Splunk Education Tracks

**User:** For all day-to-day Splunk users including customer support staff, developers, systems administrators and management.

**Administrator:** For administrators of Splunk itself. (Administrators of other systems who will just be using Splunk should take the User track.)

**Architect:** For architects who will be designing Splunk deployments, including architects on staff at customer deployments as well as partner professional services personnel.

**Developer:** For developers who will integrate, customize and extend Splunk using its XML templates and advanced configuration bundling.

**Support Engineer:** For Splunk OEM and channel partner support staff who will be providing first line support for Splunk.

Tracks	User	Administrator	Architect	Developer	Support Engineer
Using Splunk	✓	✓	✓	✓	✓
Searching and Reporting with Splunk	✓		✓	✓	✓
Adminstrating Splunk		✓	✓		✓
Deploying Splunk			✓		✓
Developing Splunk Apps			✓	✓	✓
Splunk Architect Certification Lab			✓		
Supporting Splunk					✓

## About Splunk

Splunk is software that indexes, manages and enables you to search logs and IT data from any application, server or network device in real time.

Visit our website at [www.splunk.com](http://www.splunk.com) to download your own free copy.

Splunk Inc.  
 250 Brannan  
 2<sup>nd</sup> Floor  
 San Francisco, CA 94107  
 866.GET.SPLUNK  
 (866.438.7758)  
[sales@splunk.com](mailto:sales@splunk.com)  
[support@splunk.com](mailto:support@splunk.com)