# Splunk Boot Camp Training

BILGINC
IT Academy
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Duration: **2 Day**

The **Splunk Boot Camp (SPLUNKBC)** course teaches you how to **monitor, search, analyze, and visualize machine-generated data in real time**.

Splunk is one of the leading platforms for making sense of log data and is widely used not only by IT operations but also by developers and data professionals. This course helps you understand Splunk's capabilities and how to maximize its value.

You will also learn how to maintain **security and compliance** while providing real-time visibility into application performance—without granting direct server access.

This **2-day intensive boot camp** is designed to give you hands-on experience through labs, real-world scenarios, and practical exercises, enabling you to confidently collect, analyze, and use machine data.

## Prerequisites

- Basic Linux administration and command-line experience
- Understanding of basic networking concepts

## Who Should Attend

- Developers
- Data Engineers
- Architects
- System Administrators

## What You Will Learn

- Splunk fundamentals
- Indexing in Splunk
- Splunk architecture and components
- Searching and querying data using SPL
- Creating dashboards and visualizations
- Setting up alerts and notifications

This is a **hands-on training course** with demos, labs, discussions, and project-based learning.

## Training Outline

### Introduction to Splunk

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- What is Splunk?
- Authentication methods
- Access control and users
- Licensing and costs
- User interface overview

## Indexing & Data Management

- Splunk data structure
- Indexes and indexers
- Search head
- Index clusters
- Events and fields
- Forwarders
- Metrics
- Data removal

## Splunk Architecture

- Components of deployments
- Deployment scenarios

## Search Processing Language (SPL)

- SPL fundamentals
- Search operators and commands
- Search pipeline
- Sub-searches
- Lookups and drilldowns
- Search optimization

## Dashboards & Visualizations

- Creating dashboards
- Visualization types
- Reports and dashboards
- Forms and drilldowns

## Alerts & Reporting

- Creating alerts
- Scheduling alerts
- Notifications
- Scheduled reports

## Final Exercise

- Installing NGINX
- Configuring Splunk forwarder
- Collecting and analyzing logs
- Building dashboards and visualizations

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