📘 SailPoint Introduction

# 🚀 Introduction to SailPoint

Before diving into SailPoint, it's essential to understand IAM (Identity and Access Management).

# 🔐 What is IAM?

IAM is a concept, framework, or subdomain of cybersecurity. It ensures secure and appropriate access to systems, applications, and data.

IAM Principles – Least Privilege: Providing the right access to the right identity at the right time to the right resources.

# ✅ Right Access Means:

* • Users have correct roles and entitlements
* • Passwords are managed securely and timely
* • Access is reviewed periodically

# ⏰ Right Time – LCM (Lifecycle Management):

IAM uses LCM to manage identity from:

* • Joining
* • Promotion
* • Transfers
* • Termination

IAM tools help automate these processes.

Example: If an employee changes departments, their access should reflect their new responsibilities.

Also, access reviews help ensure access is granted only when needed.

# 👤 What is an Identity?

In IAM, a user is called an identity.

Types of Identities:

* • Human identities: Employees, contractors, third-party vendors
* • Non-human identities: IoT devices, RPA bots, service/system accounts

# 💥 Why is IAM Important?

IAM addresses major challenges:

* • Data breaches: Prevents misuse of sensitive data like bank info or personal records
* • Server misuse
* • Boosts productivity by automating access processes

# 🧩 Key IAM Components

Authentication: Verifying the user is legitimate (e.g., username + password)

Authorization: Verifying the user has permissions to access or perform a specific task

# 🧭 What is SailPoint?

SailPoint is a web-based application that supports:

* • IAM (Identity and Access Management)
* • IGA (Identity Governance and Administration)

SailPoint Offers:

* • Governance: Enforces internal rules, policies, and standards
* • Compliance: Ensures alignment with external regulations and audit requirements

# 💡 Why Choose SailPoint?

* • Leader in the IAM/IGA space
* • Highly customizable
* • Easy migration from other tools
* • Strong support system:

- SailPoint Support Team

- SailPoint Compass Community: Forums, FAQs, developer/admin discussions

# 🛠️ Technology Behind SailPoint

* • Built using Java and Spring Framework
* • The user interface is developed using Java Server Faces (JSF)