

### **ServiceNow Overview**

ServiceNow is a cloud-based platform offering IT service management (ITSM) and business process automation solutions. It helps organizations manage IT workflows and offers tools for automating various business functions.

**Scripting on the ServiceNow Platform enables you to customize the platform and build powerful applications by using languages like JavaScript. Scripting in ServiceNow includes:**

- 1. Client-Side Scripting:** Runs in the browser and includes Client Scripts, UI Policies, and UI Actions to control user interaction.
- 2. Server-Side Scripting:** Runs on the server and involves Business Rules, Script Includes, and Scheduled Jobs to manage backend logic and data processing.

**Advanced scripting includes REST API integrations, glide APIs, and custom workflows for extending ServiceNow functionalities.**

#### **Understanding ServiceNow:**

- **How ServiceNow Functions:** ServiceNow is a cloud-based platform designed to automate workflows and improve service delivery, integrating across IT, HR, Security, and other business functions.

#### **Configuring & Personalizing:**

- **Configuration:** Involves setting up forms, lists, modules, and access controls to fit an organization's needs.
- **Personalization:** Customizing the user experience (dashboards, reports, notifications) based on individual preferences or roles.

#### **Key Modules:**

- **Incident Module:** Tracks and resolves service disruptions.
- **Problem Module:** Identifies and manages the root causes of incidents.
- **Change Module:** Manages and tracks changes to IT infrastructure to avoid disruption.

#### **Lists & Forms:**

- **Lists:** Display records in table format.
- **Forms:** Used to enter and update records in ServiceNow.

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**These elements work together to streamline business processes and improve operational efficiency.**