

### **SaaS: Software as a Service**

Delivers software applications over the internet, eliminating the need for installation or maintenance.

Examples: Google Workspace, Salesforce, Dropbox. Used for email, collaboration, CRM, and storage.

### **PaaS: Platform as a Service**

Provides a platform allowing developers to build, deploy, and manage applications without worrying about the underlying infrastructure. Examples: Heroku, Google App Engine, AWS Elastic Beanstalk.

Used for application development, testing, and deployment.

### **IaaS: Infrastructure as a Service**

Offers virtualized computing resources over the internet, such as servers, storage, and networking.

Examples: AWS EC2, Microsoft Azure, Google Compute Engine. Used for hosting websites, data storage, and running applications.

### **DaaS: Desktop as a Service**

Provides virtual desktop environments over the internet. Examples: Amazon WorkSpaces, Citrix Virtual Apps and Desktops. Used for remote work and desktop management.

### **MaaS: Monitoring as a Service**

Offers tools for monitoring applications, servers, and networks in the cloud. Examples: Datadog, New Relic, Splunk. Used for performance monitoring and issue detection.

### **TaaS: Testing as a Service**

Delivers automated or manual testing environments over the cloud. Examples: Sauce Labs, BrowserStack. Used for software testing across different platforms.

### **SecaaS: Security as a Service**

Provides security services such as data protection, identity management, and threat detection in the cloud. Examples: Okta, Cloudflare, Zscaler. Used for enhancing cybersecurity and compliance.

### **CaaS: Containers as a Service**

Offers container-based virtualization to deploy and manage applications. Examples: Kubernetes, AWS ECS, Google Kubernetes Engine. Used for application deployment and scalability.

### **BaaS: Backup as a Service**

Provides backup solutions to secure data over the internet. Examples: Acronis, Backblaze, AWS Backup. Used for data backup and disaster recovery.

### **DRaaS: Disaster Recovery as a Service**

Delivers disaster recovery solutions to ensure business continuity. Examples: Veeam, Zerto, Microsoft Azure Site Recovery. Used for disaster recovery planning and management.

### **FaaS: Function as a Service**

Provides serverless computing for executing functions or code in response to events. Examples: AWS Lambda, Google Cloud Functions, Azure Functions. Used for event-driven development and microservices.

### **HaaS: Hardware as a Service**

Offers physical hardware resources through the cloud. Examples: Dell HaaS, Lenovo TruScale. Used for hardware leasing and infrastructure scaling.

### **AaaS: Analytics as a Service**

Provides cloud-based analytics tools for data insights and reporting. Examples: Google Analytics,

## Cloud Services Overview

Tableau Online. Used for business intelligence and data visualization.