

Infrastructure as Code (IaC) Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Infrastructure Type (Immutable, Mutable), By Deployment (Cloud, On-premises), By Vertical (Healthcare, BFSI, Retail, Government, IT & Telecom, Manufacturing, Others), By Region & Competition, 2020-2030F

<https://marketpublishers.com/r/IBA6386E2E36EN.html>

Date: July 2025

Pages: 185

Price: US\$ 4,500.00 (Single User License)

ID: IBA6386E2E36EN

Abstracts

Market Overview

The Global Infrastructure as Code (IaC) Market was valued at USD 887.98 million in 2024 and is projected to reach USD 3,264.94 million by 2030, growing at a CAGR of 24.24% during the forecast period. Infrastructure as Code is a transformative IT approach that enables infrastructure provisioning and management through machine-readable configuration files, replacing traditional manual or GUI-based methods. This methodology applies software engineering principles—such as version control, automation, and testing—to infrastructure deployment, offering greater speed, accuracy, and scalability. Tools like Terraform, Ansible, and AWS CloudFormation are widely adopted to streamline infrastructure across on-premises, hybrid, and cloud platforms. As digital transformation accelerates globally, IaC is becoming essential for managing complex, distributed environments, improving deployment efficiency, reducing configuration errors, and supporting agile DevOps pipelines across industries including finance, retail, and healthcare.

Key Market Drivers

Growing Adoption of Multi-Cloud and Hybrid Cloud Architectures

The growing reliance on multi-cloud and hybrid cloud models is significantly driving the demand for Infrastructure as Code. Enterprises are adopting combinations of cloud platforms such as AWS, Azure, and on-premises environments to achieve performance optimization, cost efficiency, and vendor flexibility. However, managing such diverse environments manually is time-consuming and error-prone. IaC enables centralized, automated infrastructure provisioning using consistent configuration files, allowing IT teams to orchestrate resources across multiple environments with precision. It supports version control, repeatable deployments, and policy enforcement, which are critical in maintaining system consistency, security, and compliance across diverse cloud infrastructures. As infrastructure complexity rises, organizations view IaC as indispensable for improving operational efficiency, minimizing human error, and accelerating service delivery.

Key Market Challenges

Complexity in Managing Organizational Change and Skills Transition

One of the major challenges in adopting Infrastructure as Code lies in the organizational and cultural shift it demands. IaC represents a fundamental change in how infrastructure is managed, transitioning from manual, hardware-focused processes to automated, code-based workflows. Many traditional IT teams may lack the necessary coding skills or familiarity with version control systems, creating resistance and requiring substantial retraining. The transition also demands cross-functional collaboration between development, operations, compliance, and security teams to align processes and ensure seamless integration. Enterprises must invest in upskilling, redefine team structures, and foster a DevOps culture to support IaC practices. These changes can be costly, time-consuming, and disruptive, especially in legacy-heavy organizations, delaying IaC implementation and reducing the short-term return on investment.

Key Market Trends

Rise of Policy-as-Code for Embedded Governance

A key trend reshaping the Infrastructure as Code landscape is the growing adoption of Policy-as-Code frameworks. These frameworks embed security, compliance, and operational policies directly into infrastructure definitions, ensuring every deployment adheres to internal and regulatory standards. This shift enables organizations to automate governance, reduce human error, and achieve audit-ready compliance at

scale. Tools like Open Policy Agent and HashiCorp Sentinel are increasingly integrated into IaC pipelines, allowing for real-time validation of infrastructure changes before deployment. As businesses scale their cloud environments across multiple regions and providers, Policy-as-Code ensures that governance does not become a bottleneck, but instead becomes an automated and enforceable component of the CI/CD lifecycle.

Key Market Players

HashiCorp, Inc.

Amazon.com, Inc.

Google LLC

Puppet, Inc.

Microsoft Corporation

VMware, Inc.

Pulumi Corporation

BMC Software, Inc.

Report Scope:

In this report, the Global Infrastructure as Code (IaC) Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Infrastructure as Code (IaC) Market, By Infrastructure Type:

Immutable

Mutable

Infrastructure as Code (IaC) Market, By Deployment:

Cloud

On-premises

Infrastructure as Code (IaC) Market, By Vertical:

Healthcare

BFSI

Retail

Government

IT & Telecom

Manufacturing

Others

Infrastructure as Code (IaC) Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia Pacific

China

India

Japan

South Korea

Australia

Middle East & Africa

Saudi Arabia

UAE

South Africa

South America

Brazil

Colombia

Argentina

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global

Infrastructure as Code (IaC) Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmente...

Infrastructure as Code (IaC) Market.

Available Customizations:

Global Infrastructure as Code (IaC) Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. SOLUTION OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. GLOBAL INFRASTRUCTURE AS CODE (IAC) MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Infrastructure Type (Immutable, Mutable)
 - 5.2.2. By Deployment (Cloud, On-premises)
 - 5.2.3. By Vertical (Healthcare, BFSI, Retail, Government, IT & Telecom, Manufacturing, Others)

- 5.2.4. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)
- 5.3. By Company (2024)
- 5.4. Market Map

6. NORTH AMERICA INFRASTRUCTURE AS CODE (IAC) MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Infrastructure Type

6.2.2. By Deployment

6.2.3. By Vertical

6.2.4. By Country

6.3. North America: Country Analysis

6.3.1. United States Infrastructure as Code (IaC) Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Infrastructure Type

6.3.1.2.2. By Deployment

6.3.1.2.3. By Vertical

6.3.2. Canada Infrastructure as Code (IaC) Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Infrastructure Type

6.3.2.2.2. By Deployment

6.3.2.2.3. By Vertical

6.3.3. Mexico Infrastructure as Code (IaC) Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Infrastructure Type

6.3.3.2.2. By Deployment

6.3.3.2.3. By Vertical

7. EUROPE INFRASTRUCTURE AS CODE (IAC) MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Infrastructure Type
 - 7.2.2. By Deployment
 - 7.2.3. By Vertical
 - 7.2.4. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. Germany Infrastructure as Code (IaC) Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Infrastructure Type
 - 7.3.1.2.2. By Deployment
 - 7.3.1.2.3. By Vertical
 - 7.3.2. France Infrastructure as Code (IaC) Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Infrastructure Type
 - 7.3.2.2.2. By Deployment
 - 7.3.2.2.3. By Vertical
 - 7.3.3. United Kingdom Infrastructure as Code (IaC) Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Infrastructure Type
 - 7.3.3.2.2. By Deployment
 - 7.3.3.2.3. By Vertical
 - 7.3.4. Italy Infrastructure as Code (IaC) Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Infrastructure Type
 - 7.3.4.2.2. By Deployment
 - 7.3.4.2.3. By Vertical
 - 7.3.5. Spain Infrastructure as Code (IaC) Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value

- 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Infrastructure Type
 - 7.3.5.2.2. By Deployment
 - 7.3.5.2.3. By Vertical

8. ASIA PACIFIC INFRASTRUCTURE AS CODE (IAC) MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Infrastructure Type
 - 8.2.2. By Deployment
 - 8.2.3. By Vertical
 - 8.2.4. By Country
- 8.3. Asia Pacific: Country Analysis
 - 8.3.1. China Infrastructure as Code (IaC) Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Infrastructure Type
 - 8.3.1.2.2. By Deployment
 - 8.3.1.2.3. By Vertical
 - 8.3.2. India Infrastructure as Code (IaC) Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Infrastructure Type
 - 8.3.2.2.2. By Deployment
 - 8.3.2.2.3. By Vertical
 - 8.3.3. Japan Infrastructure as Code (IaC) Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Infrastructure Type
 - 8.3.3.2.2. By Deployment
 - 8.3.3.2.3. By Vertical
 - 8.3.4. South Korea Infrastructure as Code (IaC) Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value

- 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Infrastructure Type
 - 8.3.4.2.2. By Deployment
 - 8.3.4.2.3. By Vertical
- 8.3.5. Australia Infrastructure as Code (IaC) Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Infrastructure Type
 - 8.3.5.2.2. By Deployment
 - 8.3.5.2.3. By Vertical

9. MIDDLE EAST & AFRICA INFRASTRUCTURE AS CODE (IAC) MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Infrastructure Type
 - 9.2.2. By Deployment
 - 9.2.3. By Vertical
 - 9.2.4. By Country
- 9.3. Middle East & Africa: Country Analysis
 - 9.3.1. Saudi Arabia Infrastructure as Code (IaC) Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Infrastructure Type
 - 9.3.1.2.2. By Deployment
 - 9.3.1.2.3. By Vertical
 - 9.3.2. UAE Infrastructure as Code (IaC) Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Infrastructure Type
 - 9.3.2.2.2. By Deployment
 - 9.3.2.2.3. By Vertical
 - 9.3.3. South Africa Infrastructure as Code (IaC) Market Outlook
 - 9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Infrastructure Type

9.3.3.2.2. By Deployment

9.3.3.2.3. By Vertical

10. SOUTH AMERICA INFRASTRUCTURE AS CODE (IAC) MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Infrastructure Type

10.2.2. By Deployment

10.2.3. By Vertical

10.2.4. By Country

10.3. South America: Country Analysis

10.3.1. Brazil Infrastructure as Code (IaC) Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Infrastructure Type

10.3.1.2.2. By Deployment

10.3.1.2.3. By Vertical

10.3.2. Colombia Infrastructure as Code (IaC) Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Infrastructure Type

10.3.2.2.2. By Deployment

10.3.2.2.3. By Vertical

10.3.3. Argentina Infrastructure as Code (IaC) Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Infrastructure Type

10.3.3.2.2. By Deployment

10.3.3.2.3. By Vertical

11. MARKET DYNAMICS

11.1. Drivers

11.2. Challenges

12. MARKET TRENDS AND DEVELOPMENTS

12.1. Merger & Acquisition (If Any)

12.2. Product Launches (If Any)

12.3. Recent Developments

13. COMPANY PROFILES

13.1. HashiCorp, Inc.

13.1.1. Business Overview

13.1.2. Key Revenue and Financials

13.1.3. Recent Developments

13.1.4. Key Personnel

13.1.5. Key Product/Services Offered

13.2. Amazon.com, Inc.

13.3. Google LLC

13.4. Puppet, Inc.

13.5. Microsoft Corporation

13.6. VMware, Inc.

13.7. Pulumi Corporation

13.8. BMC Software, Inc.

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

I would like to order

Product name: Infrastructure as Code (IaC) Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Infrastructure Type (Immutable, Mutable), By Deployment (Cloud, On-premises), By Vertical (Healthcare, BFSI, Retail, Government, IT & Telecom, Manufacturing, Others), By Region & Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/IBA6386E2E36EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IBA6386E2E36EN.html>