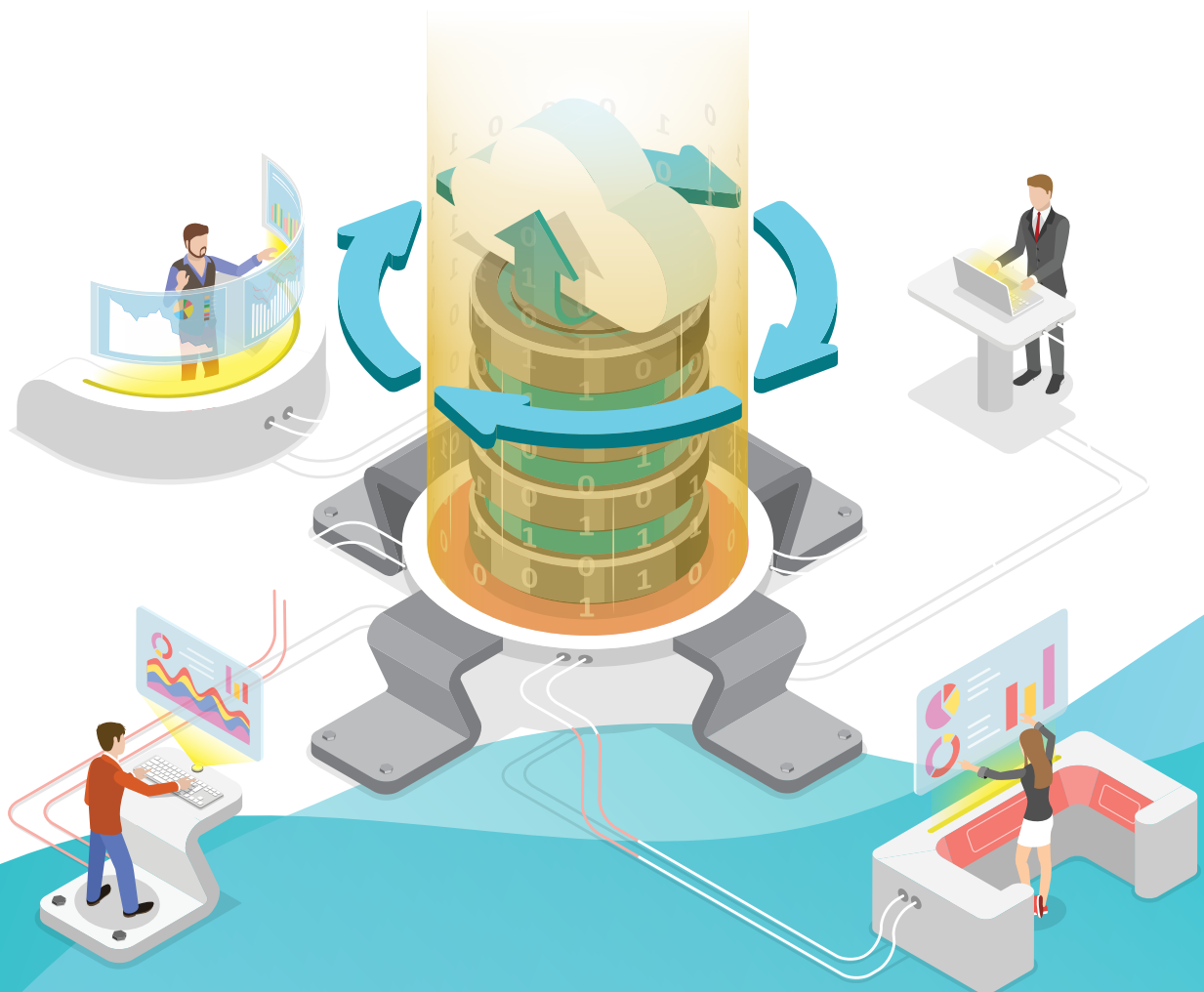


ICE's Ultimate Guide to **SETTING UP A CLOUD ENVIRONMENT**



**THE TOP 11 CHALLENGES IN SETTING
UP YOUR OWN CLOUD ENVIRONMENT**

Data Security and Privacy

Cloud privacy leaks are frequently caused by a lack of visibility and control mechanisms, a lack of identity access management, data misuse, and cloud misconfiguration.

Password Security

Account administrators handle all of their Cloud accounts using the same passwords. It is a serious issue that people frequently use weak and recycled passwords while managing their credentials.

Reliability and availability

high unavailability of Cloud services and a lack of reliability are two main issues in these ecosystems. When business requirements change, organizations are compelled to look for more computing resources.

High Dependence on Network

While transmitting huge amounts of data to and from Cloud data servers, insufficient internet bandwidth is a frequent issue.

Performance Challenges

The vendors who provide clients with Cloud computing solutions are responsible for their performance, thus if one of these providers experiences service interruptions, the organization is also impacted. That is one of the most significant difficulties with cloud computing.

Interoperability and Flexibility

Rebuilding application stacks to meet the requirements of the target cloud environment, handling data encryption during migration, establishing networks in the target cloud for operations, and managing apps and services in the target cloud ecosystem are common problems.





Cost Management

The charges can build up even when Cloud Service Providers (CSPs) offer a pay-as-you-go subscription for services. Underutilized resources in businesses represent hidden expenses.

Lack of Expertise

The field of cloud computing is extremely competitive, and many experts do not have the qualifications to work there. Also, there is a large imbalance between the demand for certified individuals and the supply of available jobs.

Multi-Cloud Environments

Configuration failures, a lack of security patches, a lack of data governance, and a lack of granularity are common cloud computing problems and challenges in multi-cloud setups.

Control or Governance

Lack of governance is a prevalent issue, and businesses frequently employ tools that are incompatible with their goals. While moving from traditional infrastructures to the Cloud, IT teams confront several uncertainties and lack complete control over compliance, risk management, and data quality checks.

Compliance

When it comes to having the greatest data compliance standards, cloud service providers (CSP) are out of date. Users have legal and regulatory compliance difficulties whenever they move data from internal servers to the cloud.



A BETTER APPROACH TO DESIGNING, BUILDING, AND MAINTAINING YOUR CLOUD INFRASTRUCTURE

Ranked as a top ten Cloud Service provider ICE Consulting employs a dedicated team of certified cloud architects, developers, and engineers that can design, build, and maintain your cloud infrastructure on AWS, Azure, or GCP.

- ▶ We can help your company adopt the best strategy to migrate your IT infrastructure to the cloud and maintain it.
- ▶ We start by performing a comprehensive IT audit and assessment to give us insight into your business processes and current IT infrastructure.
- ▶ We then carefully review the different variables before selecting the right cloud services, and make sure that it fits your business requirements.
- ▶ We design all aspects of the network, systems, security, and bandwidth.

**CONTACT ICE CONSULTING TODAY FOR A
COMPLIMENTARY CLOUD CONSULTATION**

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