

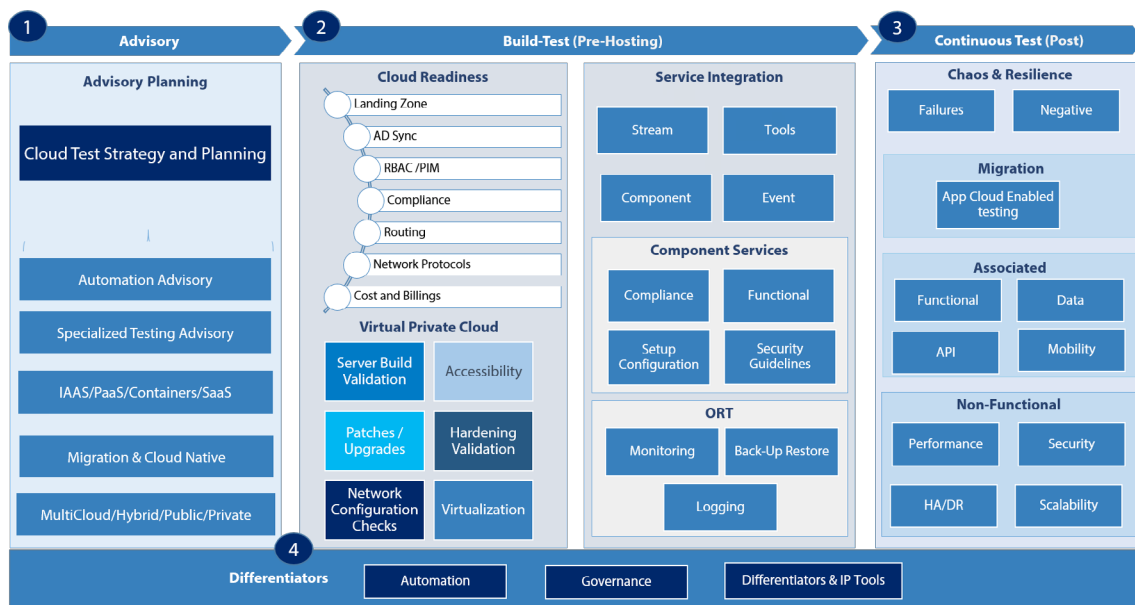
# ||| CLOUD TESTING SERVICES |||

Despite the increasing popularity of cloud, its transformation and migration journeys are often riddled with challenges due to issues involving portability, interoperability, software reliability, availability, and performance. Further, the multi-tenant nature of public cloud triggers security concerns in most organizations.

To accelerate time-to-market, organizations need holistic testing solutions that cater to various cloud platforms and services. But, how do organizations identify the right cloud testing needs and achieve continuous validation for successful cloud transformation?



## Infosys Solution - Cloud Trust Assurance Framework



Infosys Cloud Testing service offers end-to-end validation of cloud migration transformation as well as cloud native build, with a shift-left cloud-first approach. Our ABCD (**A**dvisory; **B**uild; **C**ontinuous-test framework; & **D**ifferentiators) cloud testing approach leverages Cloud Trust Assurance framework which spans from Assessment phase to Business continuity phase of the cloud transformation journey.

**Advisory** framework helps to build testing strategy specific to client needs. The **Build**

test framework validates the entire cloud platform for compliance with respect to cloud readiness, VPC (Virtual Private Cloud), ORT (Operational Readiness Testing) and Shared service integration.

**Continuous-test framework** provides post migration validations for business continuity such as simulation migration testing, resiliency testing, functional, data, API, mobile testing and NFR such as Performance, Security, Scalability and HA / DR.

Further we add value to our services through solutions and tools that are integrated into Agile / DevOps pipeline supporting zero touch model which act as **differentiators**.

Infosys Cloud Testing offers various benefits to organizations beyond cost, including cloud readiness testing, utility-like on-demand flexibility, freedom from holding assets, enhanced collaboration, greater levels of efficiency, environment management, automation, SLA governance and compliance.

## Why choose Infosys

As an end-to-end cloud testing partner, Infosys helps organizations conduct relevant testing for cloud migrations and cloud native build so that they can achieve faster time-to-market. We do this by leveraging:

- Proven expertise and experience in cloud transformation and validation
- Proprietary frameworks to kick-start testing
- Large repository of test scenarios
- Automated testing solutions
- Strategic planning and strong program governance
- Process optimization and operational excellence
- Cost optimization and trusted Quality Assurance

## Infosys Differentiators

Accelerators and tools	Description
Infosys 9-point comprehensive validation framework	This framework covers end-to-end validation for design, deployment, integration, network, scalability, and security validation to ensure a stable environment
In-sprint cloud test automation framework	This framework provides continuous testing for compliance through progressive test approach
Cloud platform validation suite	This suite consists of an open source script that runs across platforms to validate operating systems, networks, databases, and servers as well as system and application deployment
Repository of over 6000 cloud test scenarios	This repository builds test scenarios with minimal changes for multiple technologies thereby significantly reducing effort
Risk Impact Assessment Framework	This is a framework which can recommend test strategy for cloud transformation of any organization by performing impact analysis in different dimensions
600 test scenarios for identity and access management	These test scenarios drive identity and access management to validate cloud testing and uncover multiple hidden roles, thereby making the access model robust

## Benefits

Infosys Cloud Testing Services help organizations:

- Improve productivity by 25% with early alerts for issues
- Reduce effort by 35% through automated build and deployment validation
- Ensure zero critical defect slippage after application enhancement and cloud migration as well as in access and identity management validation

## Success Stories



- **Car manufacturer cuts testing effort by 60% for new cloud-based purchasing system:** To help a leading premium car manufacturer overcome limitations of their existing purchasing system for cars and accessories, Infosys built and tested a new SAP-based purchasing system that was provisioned on Microsoft Azure. Infosys implemented the new system within a short timeframe, provided additional infrastructure testing services at 60% lesser effort through automation and reduced effort by 25% through early defect detection for network and infrastructure.
- **Investment banking company halves validation cost with automation:** One of the largest US-based investment banking companies engaged Infosys to build a hybrid cloud comprising a private cloud based on AWS platform and public cloud on Azure. Besides conducting cloud infrastructure and application migration testing, Infosys also automated platform validation on both platforms. The comprehensive automation suite implemented by Infosys helped the client slash validation cost by 55%

Get maximum value from your cloud transformation journey with Infosys Cloud Testing Services. Connect with us at [IVS\\_Marketing@infosys.com](mailto:IVS_Marketing@infosys.com) to know more.

For more information, contact [askus@infosys.com](mailto:askus@infosys.com)

**Infosys**<sup>®</sup>  
Navigate your next

© 2019 Infosys Limited, Bengaluru, India. All Rights Reserved. Infosys believes the information in this document is accurate as of its publication date; such information is subject to change without notice. Infosys acknowledges the proprietary rights of other companies to the trademarks, product names and such other intellectual property rights mentioned in this document. Except as expressly permitted, neither this documentation nor any part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, printing, photocopying, recording or otherwise, without the prior permission of Infosys Limited and/ or any named intellectual property rights holders under this document.