

Infosys cobalt TEST ENVIRONMENT MANAGEMENT SERVICES

Maximize value from software delivery through robust test environment management

During the software development lifecycle, a significant amount of effort is spent on segregating issues arising from various environments and applications. Validating and verifying non-production environments such as quality assurance, development, staging, performance testing, etc. involves multiple stakeholders and often lacks proper

governance and accountability. Further, investing in test infrastructure raises cost and effort spent on vendor management. In addition, scattered infrastructure, unexpected outages, unavailability of release planning, non-standardized processes and lack of defined processes for environment management can severely

impact environment stability and availability. Without proper environment predictability, conflicts arise leading to lengthy software delivery cycles. In this scenario, enterprises need a one-stop solution that will centralize test environment management to address these challenges and streamline delivery.

The Infosys solution

Infosys Test Environment Management Service provides a single integrated solution to manage capabilities in non-production environments across the entire lifecycle. It establishes a robust process and a controlled test environment management strategy with optimized resources and platforms. This helps reduce TCO, accelerate time-to-market and enable early defect detection.

The solution includes two key components:

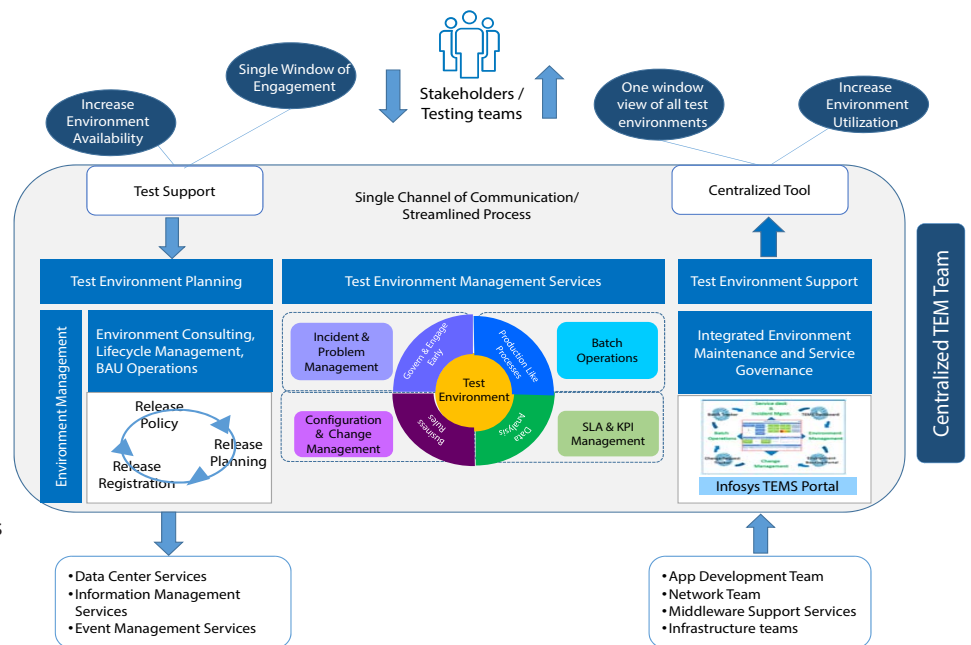
- **Infosys Test Environment Management Solution** – This is a comprehensive non-production environment management solution with multi-tenant capabilities. It continuously monitors test environments, thereby ensuring that the right environments are made available at the right time. Its key features are early

warning systems, robust dashboards, contention alarms, automated workflows, notification systems, etc.

- **Infosys Infrastructure Readiness Automation Tool** – This is an easy-to-operate desktop-based application that automatically validates configurations between different infrastructure components, thereby improving environment monitoring

Solution features

- Streamlined operating model that brings together non-production environment management and release management offering a single view into all projects and for all test environment needs
- ITIL v3 processes and best practices for environment, incident and problem management with well-defined knowledge management processes and self-help portals
- Centralized systems for change management, test deployment and ownership of test environments for better control, monitoring and impact updates
- Automated reporting capabilities and data analytics to handle compliance issues and environment demand management, thereby improving turnaround time and enabling continuous improvements
- Automation of test batch operations that align easily with release calendars, thereby simplifying effort



Why choose Infosys?

With significant experience and knowledge in testing as well as emerging technologies, Infosys has created a unified framework for Test Environment Management Service that covers key elements across the ecosystem of non-production environments. Infosys helps clients gain significant cost and time savings through:

- Controlled processes for all aspects of test environment management including process optimization and operational excellence
- Robust architecture for automated process solutions and continuous process improvements
- Strategic planning and strong program governance

Benefits

The Infosys Test Environment Management Services offering:

- Improves environment utilization and availability by 90%
- Accelerates time-to-market by 40%
- Reduces ticket volume by 40% and overall effort by 25%
- Enables proactive monitoring, thereby reducing outages
- Improves service productivity by 20%
- Improves defect detection by 35%, thereby reducing time taken to fix bugs by 30%



A success story

Bank slashes TCO by AUD \$5.6 million through integrated test management – Infosys helped a leading banking group assess and centralize their test environment management through end-to-end services for all test environments. The solution acts as a single point of contact for all environment-related issues. It arrests outages through proactive monitoring, environment rationalization and consolidation and supports and manages the usage of clients through integrated end-to-end test environments. The solution not only improved environment utilization and availability by 90% but also reduced ticket volume by 40%, resulting in annual savings of AUD 60,000 and TCO reduction by AUD 5.6 million within 3 years.



Discover how Infosys can help you improve test environment management with reduced TCO. Connect with us at IVS_Marketing@infosys.com

Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 14,000 cloud assets, over 200 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact askus@infosys.com

Infosys[®]
Navigate your next

© 2021 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.

Infosys.com | NYSE: INFY

Stay Connected   