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TEMS | Test Environment Management Solution

TEMS Offers Enterprise wise End-to-End Test Environment Management solution

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TEMS | Test Environment Management Solution

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Faster time to market with high quality through robust Test Environment Management

In software development lifecycle, environment related defects contribute substantial percentage, it requires multiple stakeholder involvement for analysing and fixing them due to lack of process and guidelines. This further leads to high impact on the test environment and its availability for testing and business team. Enterprise level environment management solution certainly evade these challenges and helps in continuous delivery and testing.

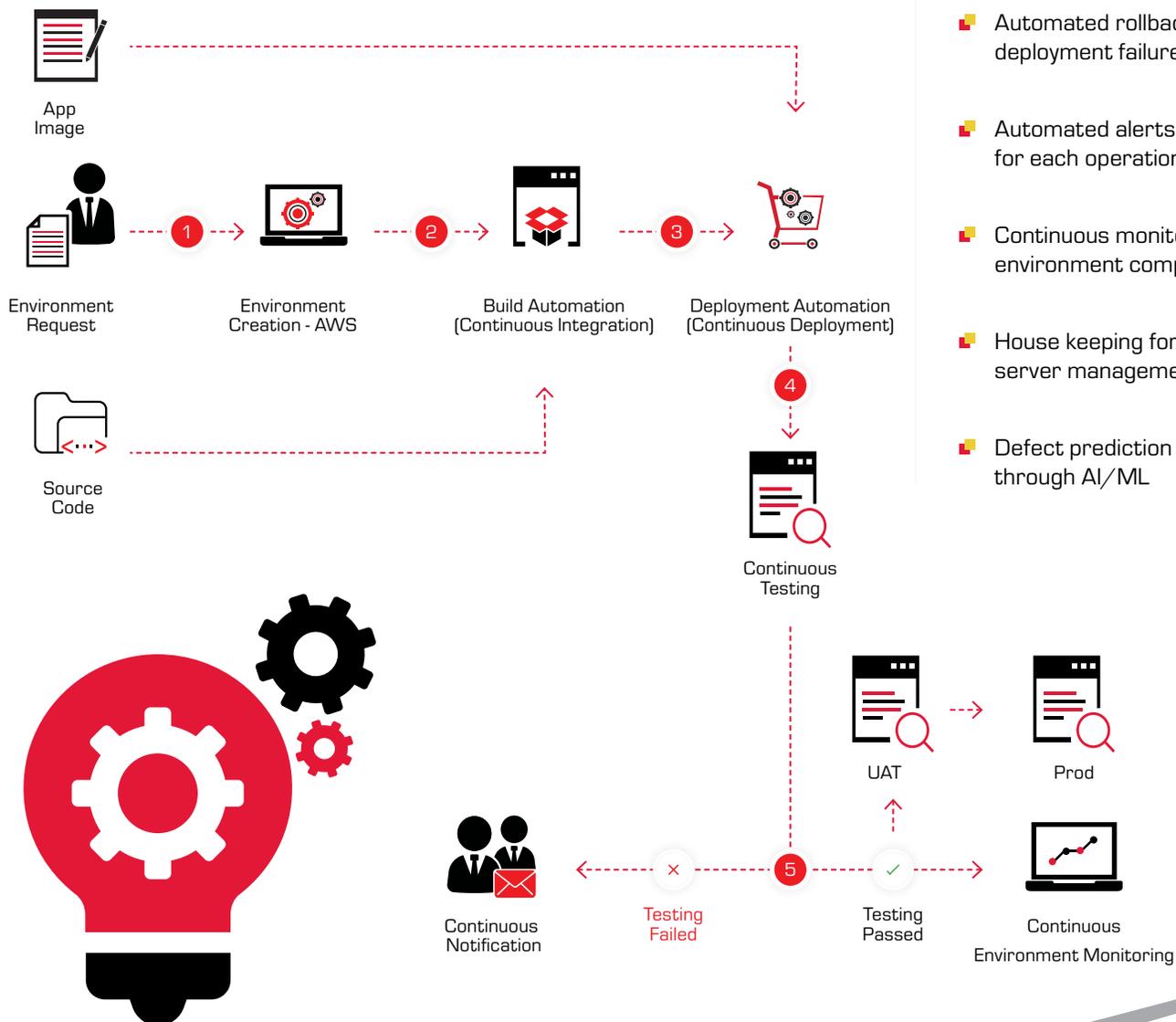
CT is the process of executing automated tests through the delivery pipeline. The main objective of continuous testing is to speed up the delivery process for validating the code, build and deployment and provide the immediate feedback to the respective stakeholder, it also supports for collaborative programming like Test Driven Development.



Tech Mahindra's Solution

Tech Mahindra's Test Environment Solution (TEMS) provides a single stop solution for managing the enterprise level test or non-production environments across software lifecycle development. TEMS includes the following key features

- Provisioning of Environments over cloud
- Environment booking and allocation
- Continuous environment build and deployment
- Environment Monitoring

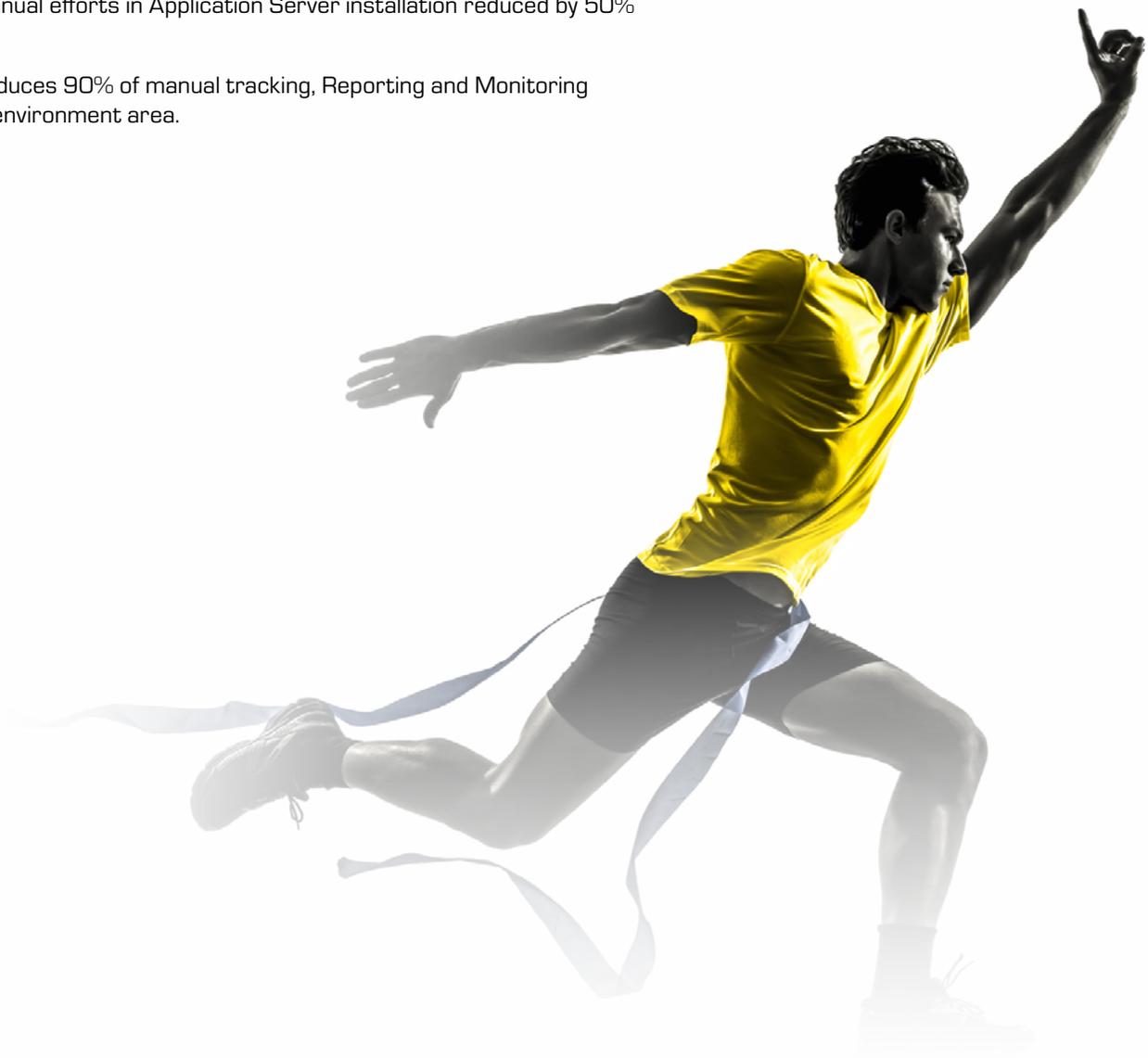


Solution Features

- Centralized Dashboard provides holistic status for all environments
- Integrated components view for each environments
- Environment provision through virtualization and over cloud
- Automated build, deployment and sanity test execution
- Ensures code quality before deploying the build on target environment
- Automated rollback in case of deployment failure
- Automated alerts and notification for each operations
- Continuous monitoring of environment components
- House keeping for application and server management
- Defect prediction through AI/ML

Client Benefits

- Environment issues reduced by 20-25%
- Environment availability >90 %
- Environment turnaround time reduced by 25%
- Manual efforts in Application Server installation reduced by 50%
- Reduces 90% of manual tracking, Reporting and Monitoring in environment area.



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