



G-Cloud 14

Service Definition - Wipro Cloud Performance Testing



Wipro Cloud Performance Testing

Wipro provides highly technical performance test and engineering solutions to assure the performance, capacity and stability of applications and platforms.

Taking an engineering approach throughout the delivery lifecycle, services include early performance validation through to continuous performance testing via the CI/CD pipeline and full end-to-end performance and load testing.

Service features and benefits include the following:

- Early risk identification by adopting to CICD & CT
- Better mitigation planning.
- Lowers risk of failure.
- Strategic partnerships for cloud readiness.
- Better customer satisfaction and business confidence achieved
- Supports Agile workflows
- Offers more computing power reaping huge cost savings

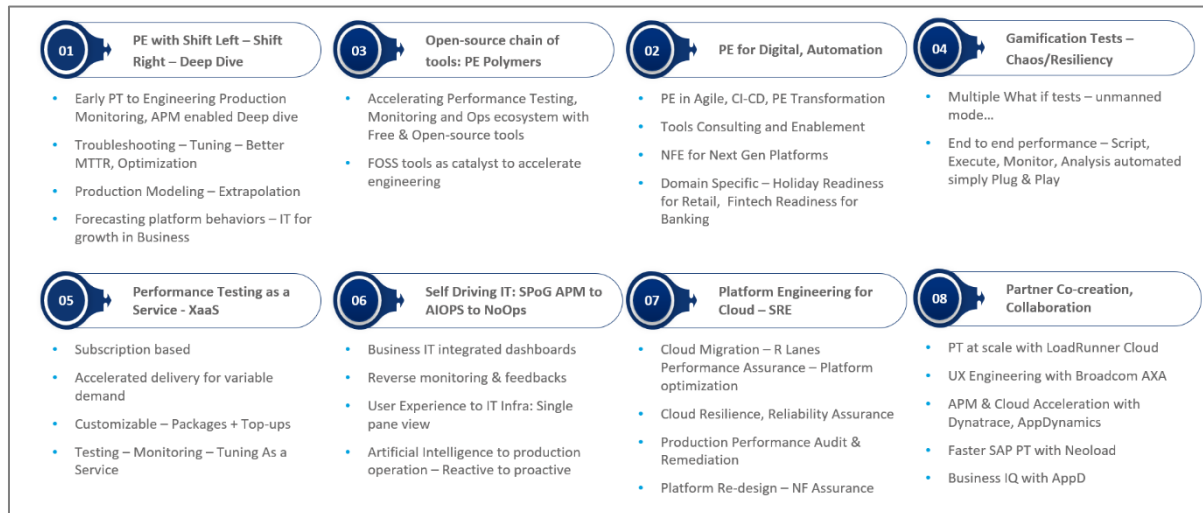
Wipro Performance Engineering Practice

Services & People	As a Service Model 75+ clients serve across Geos under QaaS	PE Advisory & Consulting – Transformation 25+ clients Served	Performance Engineering Quality with Open Source – 20+ tools	SRE, Chaos & Resilience Engineering – SRE Cloud Studio	Observability – APM, AIOps, Monitoring as a service	Skills & Strengths 650+ Engg, 125+ clients, 10+ ongoing large Transformations		
Offerings	Performance Testing & Engineering - Early Performance Testing: Shift Left - NFR elicitation, Design & Deployment Validation - Performance Assurance: Load, Stress Volume - Workload Modeling, Performance Optimization, Tuning		Performance Monitoring and Observability - Engineering with APM: Monitoring, Diagnosis, RCA – Shift Right - Observability to AIOps: SPOG, Biz-IT integrated monitoring - Cloud Performance Assurance - UX Engineering & Production Performance Audit		PE Advisory & Consulting Services - Process & Lifecycle Consulting - Assessment & Transformation - PE in Agile, CICD, DevOps Roadmaps Resilience Engineering & SRE - Failover & DR Assurance - Resilience & Chaos Engineering			
Application – Platform Portfolio	 Web, Mobile Applications	 Distributed & Smart: CDN – Edge – IoT	 Mobile Native Apps, PoS, Store devices, Things	 Cloud.. IaaS, PaaS, SaaS... AWS, GCP, Azure, PCF,...	 Middleware, Integrations, APIs	 Packaged, COTS: SAP, Oracle, PEGA, Maximo	 Big Data – Hadoop, Batch Jobs, ETL	 Tech Upgrades, Migrations & Modernization
Major Tools	 LOAD RUNNER  NeoLoad  Gatling  LOCUST  PINPOINT  dynatrace  DATADOG  AppDynamics  splunk>  IBM BUSINESS PERFORMANCE TESTER  JMeter™  BlazeMeter  BROADCOM  Prometheus  Grafana  Gremlin  							
Tools / Assets / Differentiators	- PE Automation using Accelerators, GenAI - Industry Proven PE Framework - NFT as a Service: Topcoder (QaaS) - Open-Source Tools Ecosystem (PE Polymers) - Repository of Best Practices, Templates, Standards - Alliance Ecosystem with all market leading tools							

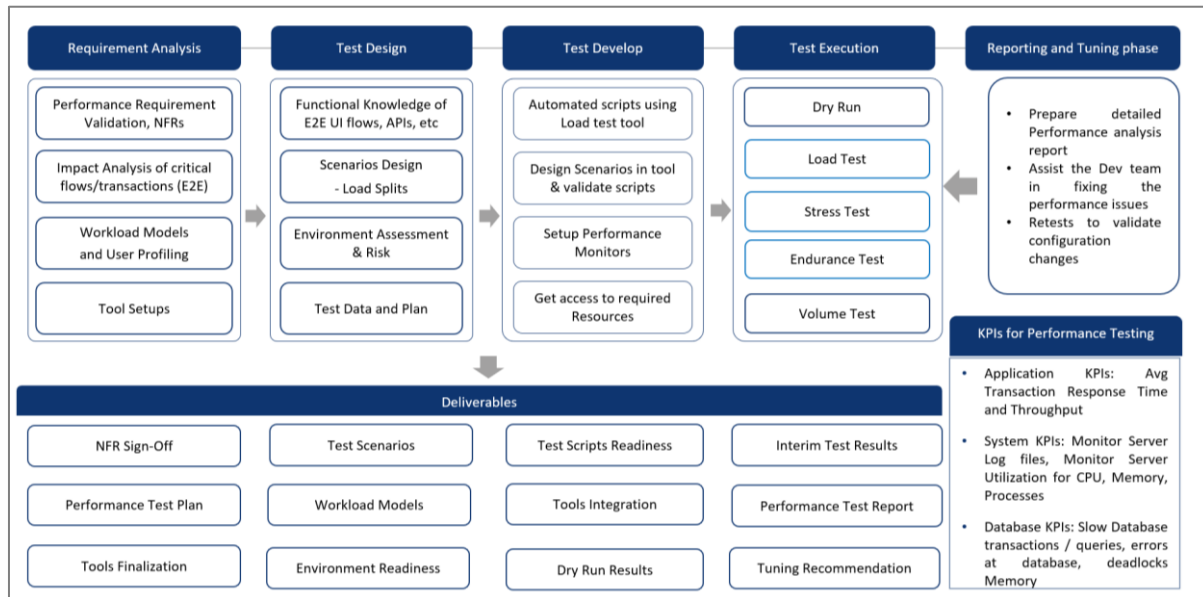
Application & Platform Engineering Practice – Solution Tenets

Solution Tenets	Solution Levers	Qualitative Outcomes
Right Coverage	- Standardization across quality gates - Right NFR coverage across all critical workflows	- Standardized processes, frameworks & best practice - Quality Gates and Governance
Automation	- Automated PT in CI-CD - In-Sprint PT	Reduction in test cycle time using Automation across different projects
Shift Left	- Design, Build, SIT stage PT on components, services - Performance Profiling	Reduction in performance defects early into SDLC using shift left methodology
Shift Right	- Enable the PE across projects - Feedback from Prod to NFRs, Design, Strategy	- Reduction in performance defects slippage in production - E2E Performance Assurance
Talent	- Talent with engineering and technology orientation - Going beyond operating the tools to enabling Engg mindset across Platforms	Performance Testing to Engineering transformation

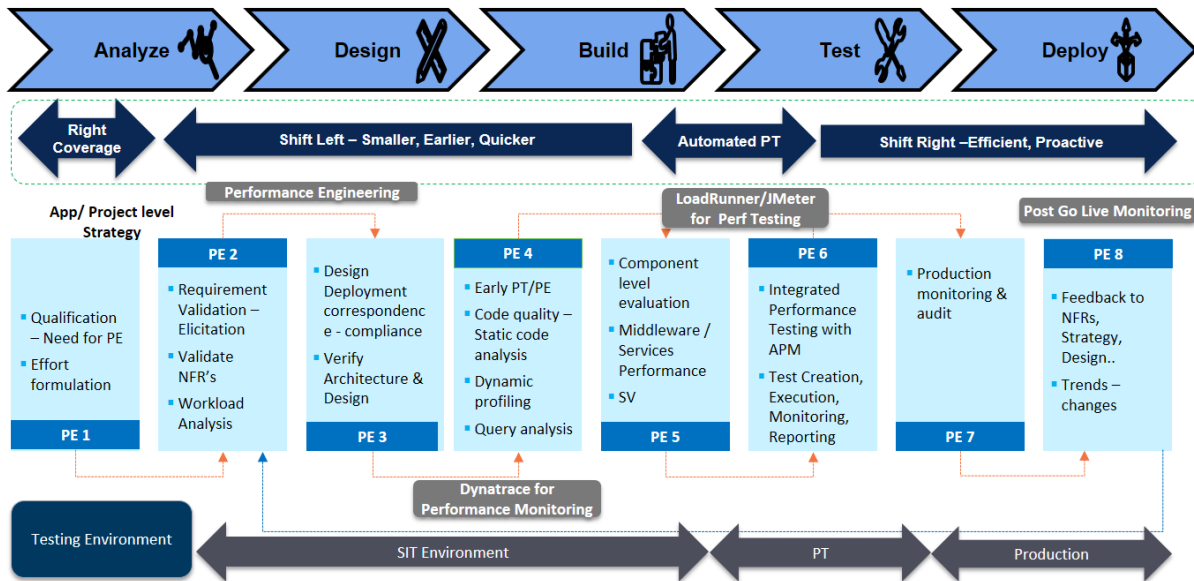
PE Servies and Offerings



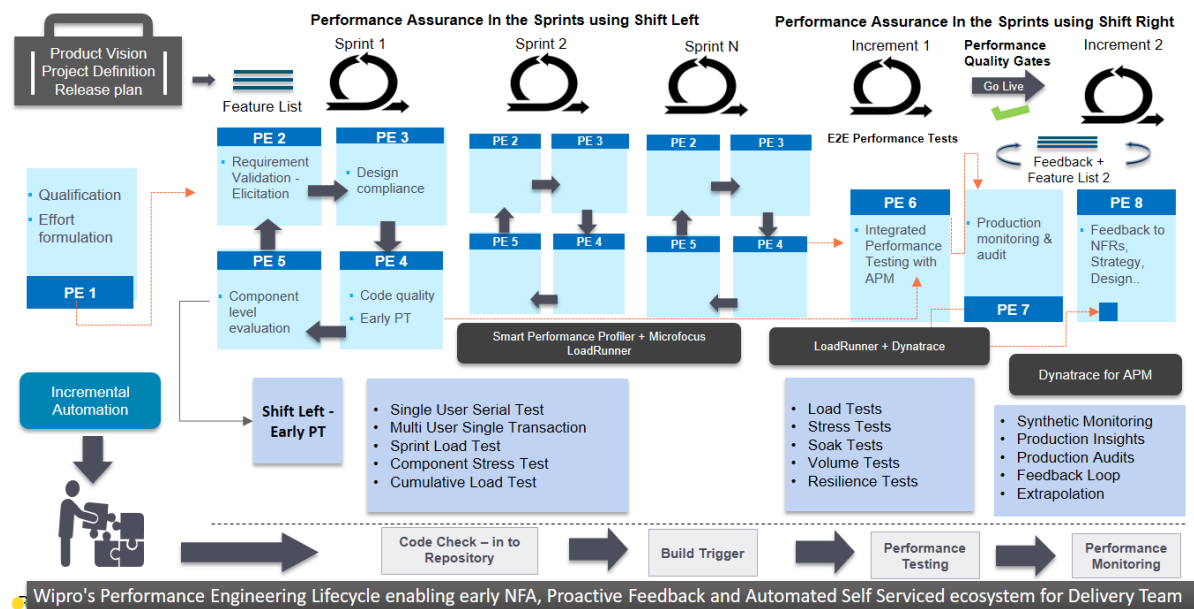
Performance Testing Methodology – Standard



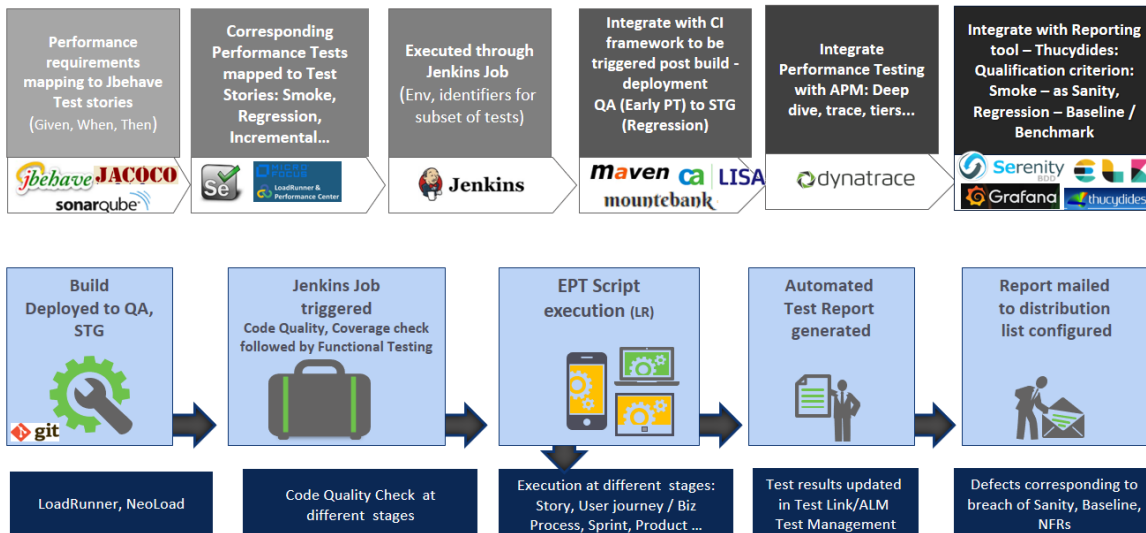
End to End Performance Engineering Framework



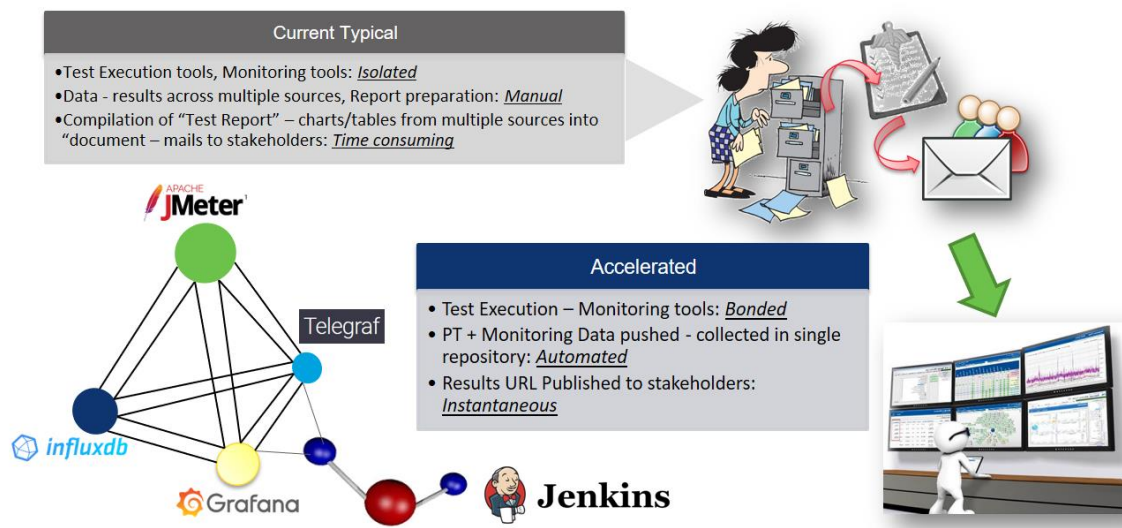
Performance Testing Framework for Agile



Performance Testing Approach within CI-CD



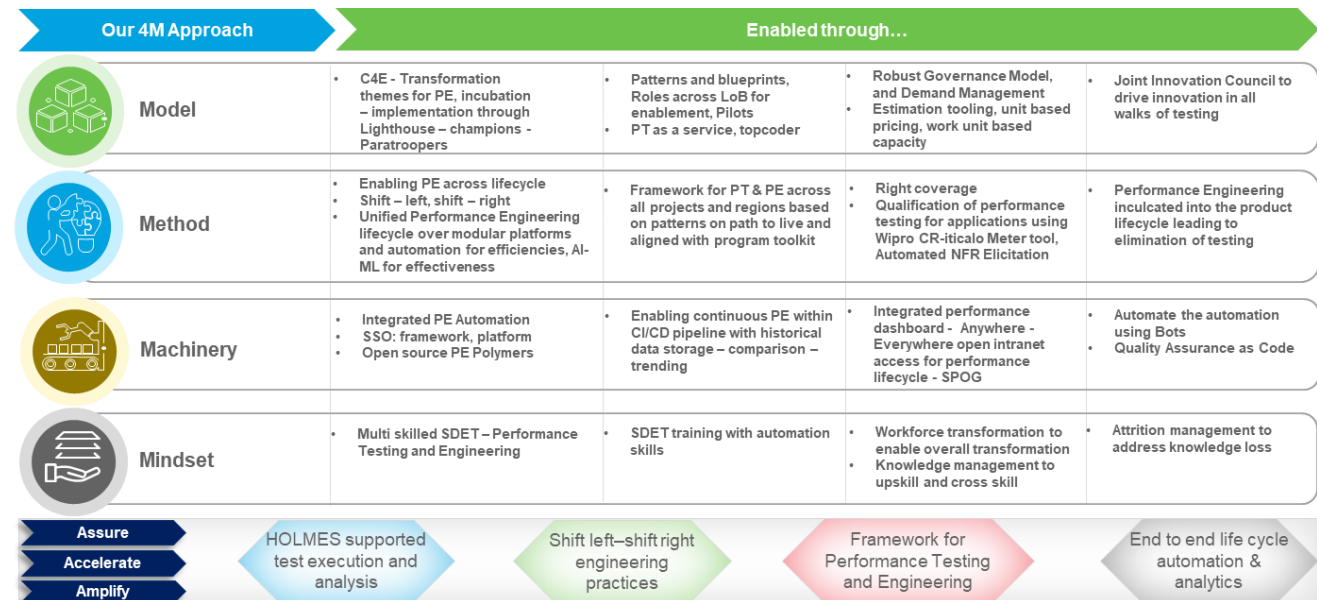
PE Polymer - Accelerating Performance Test Execution cycle



4M Framework



Through our proven 4M framework to execute the PE transformation



Contact Us

Kindly contact at the following Wipro details for any further information and engagement related details:

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About Wipro Limited

Wipro Limited (NYSE: WIT, BSE: 507685, NSE: WIPRO) is a leading technology services and consulting company focused on building innovative solutions that address clients' most complex digital transformation needs. Leveraging our holistic portfolio of capabilities in consulting, design, engineering, and operations, we help clients realize their boldest ambitions and build future-ready, sustainable businesses. With 250,000 employees and business partners across more than 60 countries, we deliver on the promise of helping our clients, colleagues, and communities thrive in an ever-changing world.

