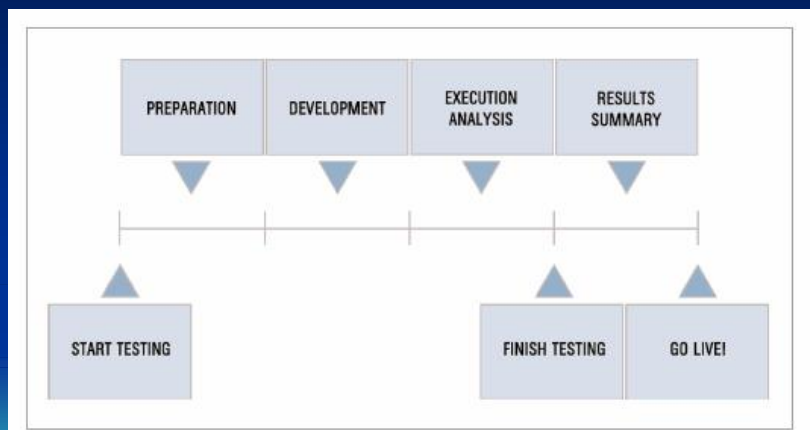


LoadRunner Best Practices

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Best Practices Process



Preparation

- Planning
 - Project goals
 - Project objectives
 - Estimate the concurrent users utilization and transaction volumes
 - Measure system response time
 - Identify performance bottlenecks
 - Project timelines

Preparation

- Design
 - Scenario definition
 - User description/activity
 - Transaction description
 - Step-by-step transactions semantics
 - Transaction data

Preparation

- Environment setup
 - Hardware setup
 - Software setup
 - LoadRunner setup
 - Test data setup
 - System business processes should function correctly

Development

- Initial script development
- Parameterization
- Multi-user debug
- Build volume data

Execution/Analysis

- Light Load
 - Test run with a small number of users
- Moderate Load
 - 25 – 50 % of the total user count or transaction volume
- Heavy Load
 - Full-scale load test

Results Summary

- Describes testing, analysis, discoveries, as well as a status of the objectives and goals