



Cloud Performance testing to ensure scalability and sustainability of customer application

CUSTOMER

Customer is a large individual member organization who is into production of Oil and Gas sector worldwide. The organization mission is to collect, disseminate and exchange technical knowledge for the development and production of oil and gas resources. Customer represents more than 143,000 members including engineers, scientists, managers, and educators in 147 countries providing services worldwide. Customer has offices in Moscow, Dallas, Kuala Lumpur, Houston, Calgary, Dubai and London.

BUSINESS REQUIREMENTS

Customer is a large individual member organization who is into production of Oil and Gas sector worldwide. The organization mission is to collect, disseminate and exchange technical knowledge for the development and production of oil and gas resources. Customer represents more than 143,000 members including engineers, scientists, managers, and educators in 147 countries providing services worldwide. Customer has offices in Moscow, Dallas, Kuala Lumpur, Houston, Calgary, Dubai and London.

ABOUT THE APPLICATION

Customer application helps the end users to create their own profile and allows the user to join their community by Registration. The registered members can do many actions like renewal membership, Update Profile, Event registration, Event Calendar search etc... The Latest version of their web based application is designed and developed using .Net technologies, with Microsoft IIS and Oracle & MS SQL servers are backend.

NOUS SOLUTION

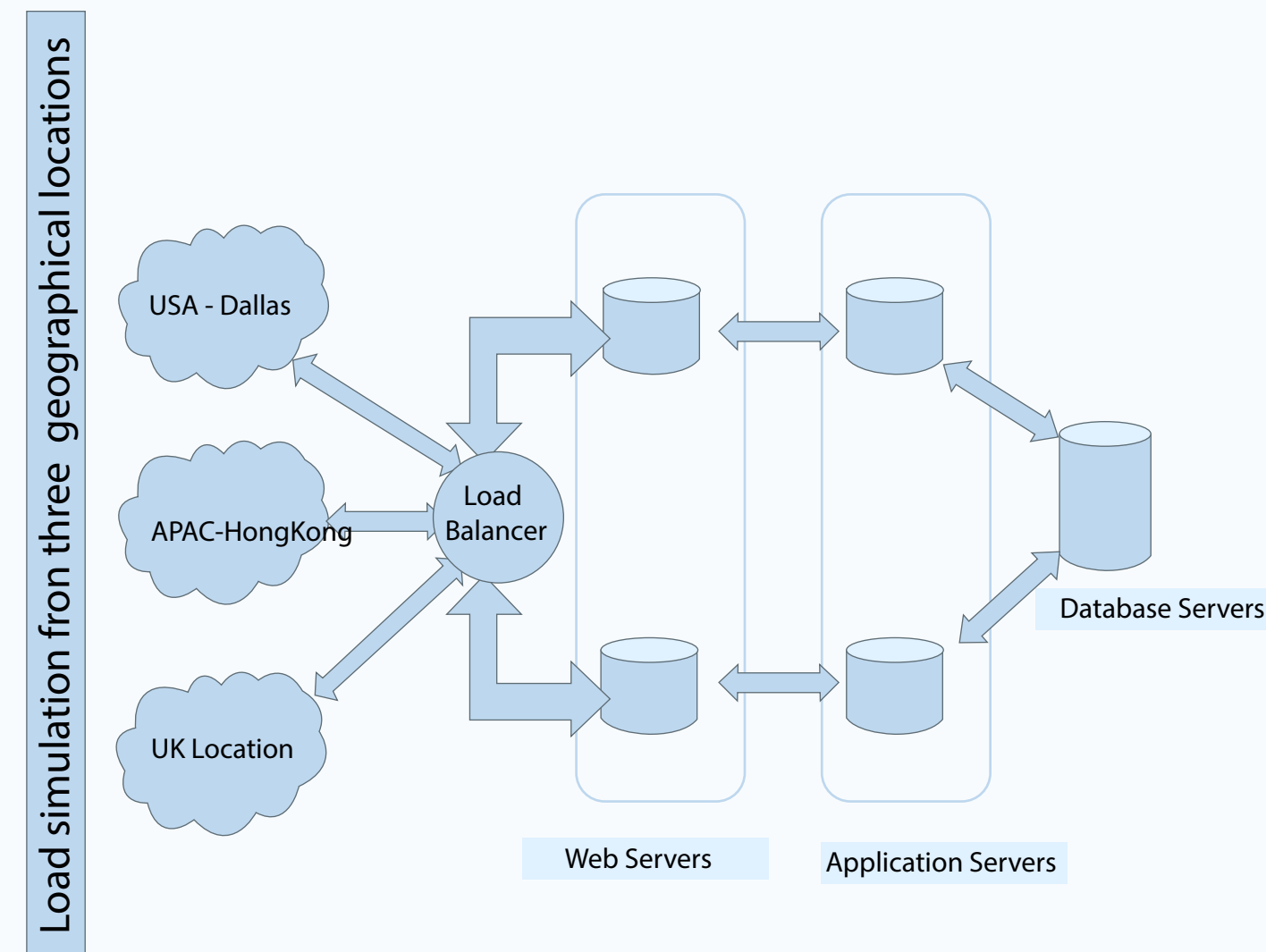
Nous' performance testing experts attempted multiple rounds of test executions. After sufficient tuning cycles, executed a final performance test run for the scalability / availability towards the end of testing phase.

Below tools were chosen:

- Neotys- NeoLoad for Cloud Performance Testing
- PerfMon and NMON for Performance monitoring purposes

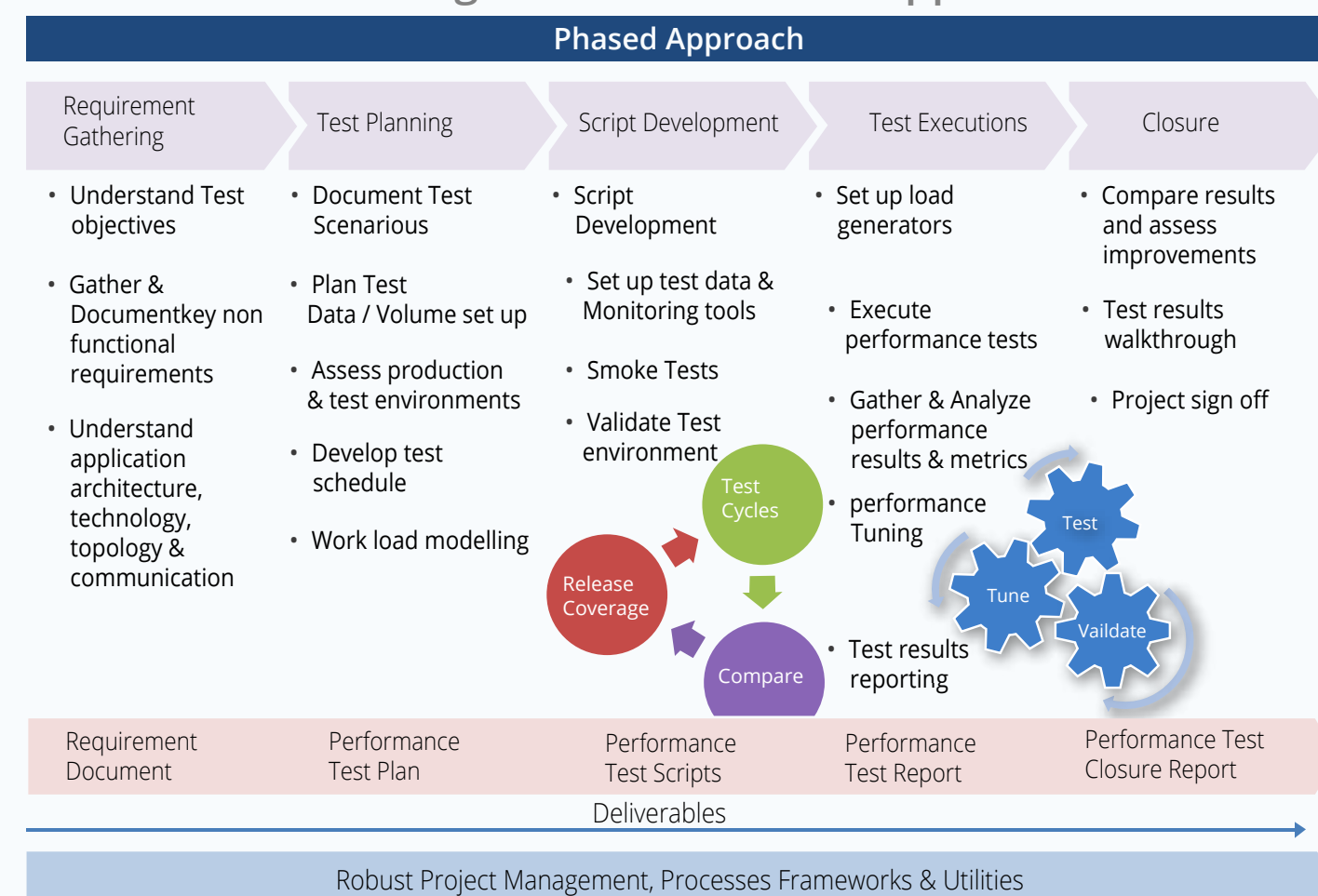
Our experts attempted various performance methods from three geographical locations to capture real-time end user experience without any installations hardware setup and maintenance.

Load simulations were done from three geographical locations from USA -Dallas, APAC-Hong Kong and UK. Below is the snapshot of the same:



Performance testing is done in different phases taking care of key potential business scenarios for the performance benchmarking activity.

Performance Testing - Testree's Phased Approach



NOUS
INFOSYSTEMS

LEVERAGING INTELLECT

CMMi Level 5 SVC+SSD v1.3

ISO 9001:2008

ISO/IEC 27001:2013



CLOUD PERFORMANCE TESTING SERVICES AND BENEFITS



CUSTOMER BENEFITS

- NeoCloud - Cloud based solution for this activity
- because of which customer was devoid of cost Infrastructure setup for performance testing regularly with in the premises
- Reduction in holding license cost, no procurement and optimized resource usage
- Deadlock issue was resolved by selecting dynamic ID's in generating renewal transactions
- Application was able to scale-up to the target number of users and target number of event registrations after tuning exercises in Database
- Transaction response times was under acceptable limit
- Delivered test summary reports shared in quick turnaround of less than an hour and detailed test closer report delivered with observations and suggested recommendations

NOUS
INFOSYSTEMS

LEVERAGING INTELLECT

CMMi Level 5 SVC+SSD v1.3
ISO 9001:2008
ISO/IEC 27001:2013



CONTACT US

New Jersey, USA
Tel: +1 732 985 9533

Brentford, UK
Tel: +44 208 587 1411

Toronto, Canada
Tel: +1 905 402 9943

Mainz, Germany
Tel: +49 6131 28910 31

Sharjah, UAE
Tel: +971 526264954

Bangalore, India
Tel: +91 80 41939400

Coimbatore, India
Tel: +91 422 3058800

Copyright© Nous Infosystems. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without written permission by Nous Infosystems. All other trademarks mentioned herein are the property of their respective owners.

For more information, Please visit - www.nousinfosystems.com or mail us at info@nousinfo.com