

# QualiTimes

A Quality that does not change with times

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At the close of another year,  
we gratefully pause to wish  
you a warm and happy holi-  
day season and a peaceful  
and prosperous new year !!

Has anything to share—We are all  
ears !! Please send in your articles  
to: [qualitimes@qualitreeinc.com](mailto:qualitimes@qualitreeinc.com)

## EDITOR'S CHOICE ...

It started as the ninth but then became the eleventh month of the year. Often it is happy only to southerners – inhabitants of southern hemisphere. This November has been good to us in Delaware too. The only reason is not that it has not brought snow so far and has allowed us to play cricket every Saturday. But because it brought us Diwali on 5th, Gurpurab on 21st and Thanksgiving on 25th.

Diwali is the most celebrated festival in India and denotes the triumph of good over evil. Besides a great reason for eating and drinking, it is called 'festival of lights' as all houses and businesses are lit up on this day. The sound of happiness goes far and wide with different kinds of firecrackers exploding and cracking on ground and in mid air. Special prayers and religious ceremonies are performed in temples and gurdwaras. Gurpurab on 21st was the birthday anniversary of Shri Guru Nanak Dev Ji and the details about it are on page 4.

Thanksgiving – fourth Thursday of November – is a national holiday in US every year. Normally it starts a long weekend for most folks because either offices are closed on Friday or workers are successful in requesting for a leave. Its *raison d'être* is almost same as that of Baisakhi/Pongal/Ugadi etc. in India. So, we can call it a harvest festival. Turkey is synonymous with Thanksgiving Day and is cooked in almost each household and in most restaurants that maybe open on this day.

Days were sullen

Evenings were wooden

Nights were long and dark

Then November fallen

Everywhere lights, all of sudden

All melody, no bark



## INTRODUCTION TO CLOUD TESTING PART 2 - LOAD TESTING - A TRADITIONAL APPROACH

In the last article, we discussed the scope and the value that cloud testing is going to gain with the evolution of cloud computing in the time to come.

The following issues would mainly focus on the industry level practices for cloud testing. Before, we delve into the cloud testing practices; let us peek into the traditional ways of load testing.

**Load Testing - A Traditional approach:** In load or performance testing, the software / application under test are subject to equal amount of users as would be in the actual production environment. Post subjecting the application to the actual production environment, the performance of the application is continuously monitored under the specified load. This specified load is usually on a test-target environment, identical to the production environment. To support any load testing test, some important components need to be in place prior to initiation of the load tests, which include, a good load testing software, sufficient load – testing hardware, target testing hardware similar to the production environment with the software installed, sufficient bandwidth for realistic simulation, skilled professionals to execute, monitor and analyze results and any other equipment required to simulate the realistic environment. The above components in turn increase the cost of the load testing activity, thereby, forcing the decision – makers to make compromises in the processes. This increases the chances to find less adequate solutions to the problem of validating performance under load and throughout time. Following are some of the compromises that are caused due to lack of budget, load testing hardware, target-testing / production like environment and technical knowhow.

- The lack of enough budgets for load testing often restricts to monitor the production environment instead of load testing the application. Thus, the system is tested under average loads only, thereby, increasing the odds of the system crashes during the peak load conditions.
- The lack of budget for adequate target-testing environment restricts to load-test the production environment instead of similar target-testing environment. Thus the system is load tested only during the idle times and any real issue becomes a risk to the production environment.
- The lack of budget for hosting the application at a co-location hosting facility often leads to a compromise in testing the external production environment using the load-test hardware hosted within the organization's facility. The enterprise bandwidth may be a bottle neck, which may result in simulating in a non-realistic environment.
- The lack of budget for procuring load testing hardware restricts in testing the system with small amount of users or using limited load-testing hardware. In this case, the hardware used for testing is often over-loaded, thereby, affecting the realistic results.
- The lack of budget and knowhow may result in negligence of load testing altogether. Thus, this results in risk of not sustaining promised performance and in turn loss of revenue.

With the use of “Cloud Testing”, the compromises are no longer necessary. Cloud testing leverages cloud-computing resources and models to enable all aspects of load-testing in a highly cost-effective manner.

In the following issue, we will focus on how the cloud testing is performed in the industry.



**Qualitree** – A QUALITY difficult to resist – alliance seekers from around the world keep coming. **Michael Follner** of Setcom, Germany, enjoying the privilege of photograph session with our team!!!





**Punches, pulls  
and bumps!!**

- Dec 6 - Vinod V
- Dec 8 - Gursimran S
- Dec 9- Harpreet M
- Dec 12 - Rakhee R
- Dec 20 - Nathan C
- Dec 30 - Suneel K

Heavenly treats,  
Qualitree's greets,  
Onward and upward,  
No Retreats !!  
!! Happy Holidays !!

## WHERE'S THE PARTY TONIGHT



Nasha Sharaab  
mein hota toh  
nachti botal !!!

Filled 'bottles' sit-  
ting, empty  
'bottles' danc-  
ing!!!



A Full Monty Team  
Qualitree celebrating  
get together in which  
Chicago office is rep-  
resented by Parthive  
and Toronto office by  
Srinivasulu.



*Chillin at the Hogenakkal's*



## Mere Yaar ki Shaadi Hai !!



Balance 'deed' done ;  
All minor temporary  
accounts closed.  
PERMANENT major  
account opened!!

**Wishing you very Happy  
Wedding Times !!**

(L-R): Naresh, Satish, Happy  
Couple, Atul, Prabhjot

# Jumble Bell. Jumble Bell...

VAHREIC

Participate and win; the first correct  
entry wins a gift of \$10.00\*. Send in  
your completed entries to:  
jumble\_qualitimes@qualitreeinc.com

UDGBE

ALRNIE

UEODML

Answers to last month's jumble— MUTATION;  
GORILLA;  
HARNES;CYCLOMATIC  
Last month's winner : Srikanth K; Bharath S



Answers to last month's Brain Basher :  
The correct answer was "Short". "Short" is a  
five letter word which becomes "Shorter"  
when two letters "er" are added to it.  
Last month's winner : Kathy B



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## BUZZ OF THE MONTH

- ◆ A leading company of “Future Phones” from the Province of Qubec inks a pact for software development and testing with Qualitree. First phase will be done onsite and the subsequent phases will involve major chunk of offshore delivery.
- ◆ A healthcare client further expands its relationship with Qualitree into a combination of onsite and offshore software testing delivery.
- ◆ Polycom once again reposes its business interest in Qualitree products.
- ◆ Sunil Goel joins as an admin manager in our Amritsar branch; Rajath V joins as a part of the administrative team in our Bangalore office.
- ◆ Experitest in Qualitree universe steams off from Sunnyvale, CA with Innopath’s order.

## GURU NANAK DEV

THE FOUNDER AND FIRST SIKH GURU

**“Satguru Nanak pragatīa mitee dhoondh jagg chaanan hoaa”(transliteration)**

**“With the emergence of the true Guru Nanak, the mist cleared and the light scattered all around” (translation)**

Guru Nanak, the founder of Sikh religion, was born in 1469 at Rai Bhoeki Talwandi, now known as Nankana Sahib, given to Pakistan at the time of partition in 1947. It is situated in the Punjab province of Pakistan. Besides radiating the inner depths of spirituality, he heralded the mighty reasons for transcending caste and class shackles, and enlivened truths about life, God, and society with the help of his poetical (hymns) writings in tandem with ragas.

He carried the torch of truth, heavenly love, peace and joy for mankind. He embarked on his Divine Mission and went towards east, west, north and south and visited various centers of Hindus, Muslims, Buddhists, Jains, Sufis, Yogis and Sidhas. He met people of different religions, tribes, cultures and races. He travelled on foot with his Muslim companion named Mardana, a minstrel. The amount he traveled on foot in all four directions, is not traveled even today by 95% of people in India notwithstanding motorcars and airplanes. His preaching to humankind are distilled into three actions – Kirt Karo, Naam Japo, Vandh Shako. (Work Hard, Recite HIM, Share Possessions)

On September 2, 1539 Guru Nanak placed five paisa (Indian currency) before Bhai Lehna and bowed to him in token of his succession to the Guruship. He placed the umbrella of Spiritual Sovereignty over Bhai Lehna's head. Thus, he created another Nanak and called him GURU ANGAD DEV. The last living guru, 10th Nanak was – GURU GOBIND SINGH- and after him forever Guru is SRI GURU GRANTH SAHIB, the holy book which we all see on a visit to Gurdwara and in front of which all devotees prostrate.

(Editor’s Note – Nov 21 2010 was Guru Nanak Devji’s birthday celebrated by his followers all over the globe as GURPURAB)

—- Shah Pritpal Singh

We would be glad to hear from you,  
please send in your feedbacks to:  
[feedback\\_qualitimes@qualitreeinc.com](mailto:feedback_qualitimes@qualitreeinc.com)

