

WTSC Volume/Performance Test Meeting Teleconference June 25, 2003

Attendees:

Susan Sill-AT&T Wireless
Steve Sanchez-AT&T Wireless
Joe Charles-Cingular
Mubeen Saifullah-Nightfire Software
Aimee Tang-Nightfire Software
John Weakley-QWEST Wireless
David Alexander-Sprint PCS
Riley Baughn-Sprint PCS
Jean Anthony-Telecom Software
Jody Claremont-TSI
Jason Kempson-TSI
Gary Eads-US Cellular
Chuck Dodsley-Verizon Wireless
Julie Groenen-Verizon Wireless

Discussion:

This meeting was a follow-up to our June WTSC meeting regarding doing volume testing in the production environment.

Sprint PCS presented what they would like to see for a performance test:

- Believe that this should be run in the testbed as the NPAC would not allow this testing in production
- There would be a problem getting a 10K block of production TN's
- The focus of the testing would be transactions per second –a staggered approach where each carrier would send one single TN transaction every 4 seconds, then every 3 seconds, then every 2 seconds, then every 1 second
- The testing would be done over a 4 hour period
- These would be "sunny day" ports
- No back office system involvement just ICP/SOA (automated –wireless to wireless ports)
- A simulator would be needed to do this testing
- Looking to have this testing run in the August timeframe

AWS stated due to the volume of this testing NPAC may want this testing done during off hours as this testing may impede other carriers doing different types of testing. It was suggested inviting Rob Coffman (from Neustar) to future meetings to help with the planning.

AWS suggested running the tests with just the ICC component first then add the SOA for another round of testing

AWS has been doing performance testing with the NPAC over the last couple of months without ICP involvement

US Cellular stated that they could not run these tests in production, but added that the test environment would need to mirror production as much as possible to get any valid metrics.

TSI stated that their client's connectivity was not engineered/configured for performance testing.

TSI does not have plans to update/upgrade their testing environment to support performance testing.

Nightfire stated that their test environment is not setup to do volume type testing. The Nightfire test environment is designed to test business functionality.

A poll was taken among the carriers represented on the call to find out which environment they preferred for this testing: test or production?

- Verizon Wireless-production then test
- US Cellular-test
- Cingular-test
- Sprint PCS-test
- AWS-test
- QWEST-will do this type of testing internally

Open Questions:

Can we extrapolate any results from test to production?

Companies need to decide what is the goal of the testing?

Are circuits going to be in place to run this testing in August?

Do you have enough resources to run this type of test?

What systems are involved in this testing?

Are you going to be able to use your test systems for performance testing?

Should FAX transactions be included in the testing?

Next Steps:

- The group agreed to discuss this in more detail during the July WTSC meeting.
- Julie will invite Rob Coffman to the July discussion
- The topic is slated to be discussed at 1PM (CDT) on Monday, July 7