

singles' day made with z Systems



Singles' Day is the world's largest shopping day, celebrated by the Chinese as an antidote to Valentine's Day.

China Construction Bank have seen a 10x transaction volume increase since 2010. Using CICS on z Systems allowed them to take this growing peak in their stride, halving response times for reliable retail therapy in a flash.

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IN THE BEGINNING

Singles' Day (11 Nov) is the Chinese Black Friday. China Construction Bank's (CCB) historical data showed peak transactions for this date increasing substantially year-on-year, with a 170% increase expected for 2014.

CCB's credit card system is built on IBM CICS. CCB needed to ensure that their system could handle the incoming high workload.



THE BIG IDEA

The IBM GTS team suggested setting up a virtual team of experts from IBM CICS and z/OS to help CCB exploit their system's capacity through performance tuning.

CCB remained concerned about the effectiveness of the performance tuning, demanding workload tests to prove that CICS could meet the required goal.



TAKING ACTION

The IBM expert CICS and z/OS performance tuning team reviewed CCB's credit card system and suggested using optimised workload management (OWLM) to manage their workloads more efficiently, and CICS Interdependency Analyzer to help identify areas for threadsafe enablement.

CCB implemented the recommended changes, and workload tests proved the desired effect - a decrease in response times.



RESULT!

With these changes in place, on Nov 11th 2014, IBM CICS helped CCB to handle record-breaking peak transactions.

CCB was so pleased with the outcome, and felt such strong confidence in CICS, that they are looking forward to future partnerships with IBM and CICS.

In a sentence? CICS on z Systems is an ideal solution for global markets, providing fantastic scalability and rapid response times.