

# Firefighting vs.



# Fire Prevention

## THE BENEFITS OF AUTOMATED APPLICATION QUALITY MANAGEMENT

BY OSMAN AYKUT

Imagine looking up at a steep wall. You're a fireman, responsible for the safety and well-being of everyone on both sides of that wall. Suddenly, you smell something burning. Looking up at the wall, you see smoke streaming over from the other side. You rush to grab a hose, but where do you aim it? You know the fire is somewhere on the other side, but where is its source?

This is the problem many mainframe administrators face daily when they begin to look at their system's performance. They may know there's a problem—something is devouring CPU capacity at an alarming rate—but isolating >

that limit mainframe  
cials from reaching  
tial by automatically  
ire production batch  
em, detecting devia-  
l behavior, collecting  
performance metrics,  
; areas requiring fur-  
. An automated AQM  
tically tracks applica-  
enterprise-wide JCS  
alysts don't have to  
troubleshoot time scan-  
duction batch runs  
oblems, configuring  
asurement tools, and  
k  
it may have taken two  
hours to identify and  
tically and easily identi-  
and management staff  
o put this energy into  
at you hired them for.  
fit of automated AQM  
application designers,  
uild applications in a  
o consider the poten-  
tial creation will have  
on fame, usually because  
and the broader rang-  
ing the reporting tools  
quired from an auto-  
mation, developers and  
work together to tune  
ing development to  
run at peak efficiency  
g to go back and trou-

; may need to be  
y to avoid stifling the  
gners' creativity. The  
als will require some  
onstrate that building  
require less tweaking  
d more time building  
less time fixing them.  
eliminating or reduc-  
g aspect of the job will  
ine IT staff by letting  
tests to their best use.  
IT job market, a happy  
sion is an important

effin  
g you the hero to the  
id your employees, an  
solution will endeavor

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mainframe processing power. In contrast to the open systems world, mainframe hardware or software upgrades can be costly. In fact, the majority of money spent on upgrades

divert more resources and time to identify and fix problems than it would take to prevent them.

Implementing a proactive, automated AQM solution eliminates many of

the optimization process of an automated AQM solution starts in the data center, but isn't restricted to it. Automated AQM can run through the entire company, from the production stages of

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### About the Author

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