Career opportunities at J.P. Morgan in Asia

A dinner by invitation only, for MIT graduating Seniors
and qualifying Juniors, will be held on Thursday,
February 9, with on campus interviews scheduled
for the following day for full time and summer intern
positions in

Corporate Finance
Sales, Trading, and Research

Candidates must be fluent in English and an Asian language
and be willing to be based in Singapore, Hong Kong, or Tokyo.

Interested candidates should fax a cover letter and resume to:
Lynn Leitabut at (212)-643-3143 by January 12.

JPMorgan

J.P. Morgan is an equal opportunity employer

Problems with AFS
Disrupt Net Service

Athena, from Page 1

experience, we were able to take
some steps to mitigate the problem,”
Carney said.

When the servers were restarted
Thursday, network service was dis-
rupted for about an hour, Carney
said.

One of the ways the problem
manifested itself was that client
computers overloaded the AFS
management servers. There are
many servers and normally clients
choose one at random to talk to,
leading to a relatively even load on
the servers, Carney said.

During the problems Thursday
and yesterday, it seemed that clients
communicated to only a few of the
servers and overloaded them,
according to Carney.

DCNS is investigating several
possible causes of the problem and
has taken steps that will hopefully
prevent future problems, Carney said.

Carney said there are three
potential problems it is investigat-
ing.

• There may be hardware prob-
lems with the server computers.
Some hardware may be faulty, it is
being replaced today, Carney said.

• Configuration parameters may
need adjustment. There are several
parameters that can be set on AFS
servers and adjusting them may
improve performance, Carney said.
Some adjustments have been made
already, he said.

• Bugs may exist in the AFS
software. “The other sort of bug
thing is bugs in AFS or bugs with
the protocol in which clients talk to
servers,” Carney said.

Another more general cause of
trouble may be the sheer size of the
MIT network system. The campus
network is one of the largest single
monoliths of AFS, and it could be
too large to be handled gracefully
Carney said.

Little effect on coursework

Though computers on the cam-
pus network are widely used for
coursework and research, the effect
of the two recent outages were rela-
tively small, Jackson said.

“I don’t think either of the recent
outages was a major problem in this
regard, especially since both occurred
during the middle of the day
when Athena load is consid-
erably lower at that time,” Jackson said.

“Of course, any time basic utili-
ities like internet are inaccessible
with work,” he said.

“There have been certain times:
where specific software needed in
a subject has failed, and the insur-
cing has extended due dates and stu-
ents have worked extra hours for
that,” Jackson continued.

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