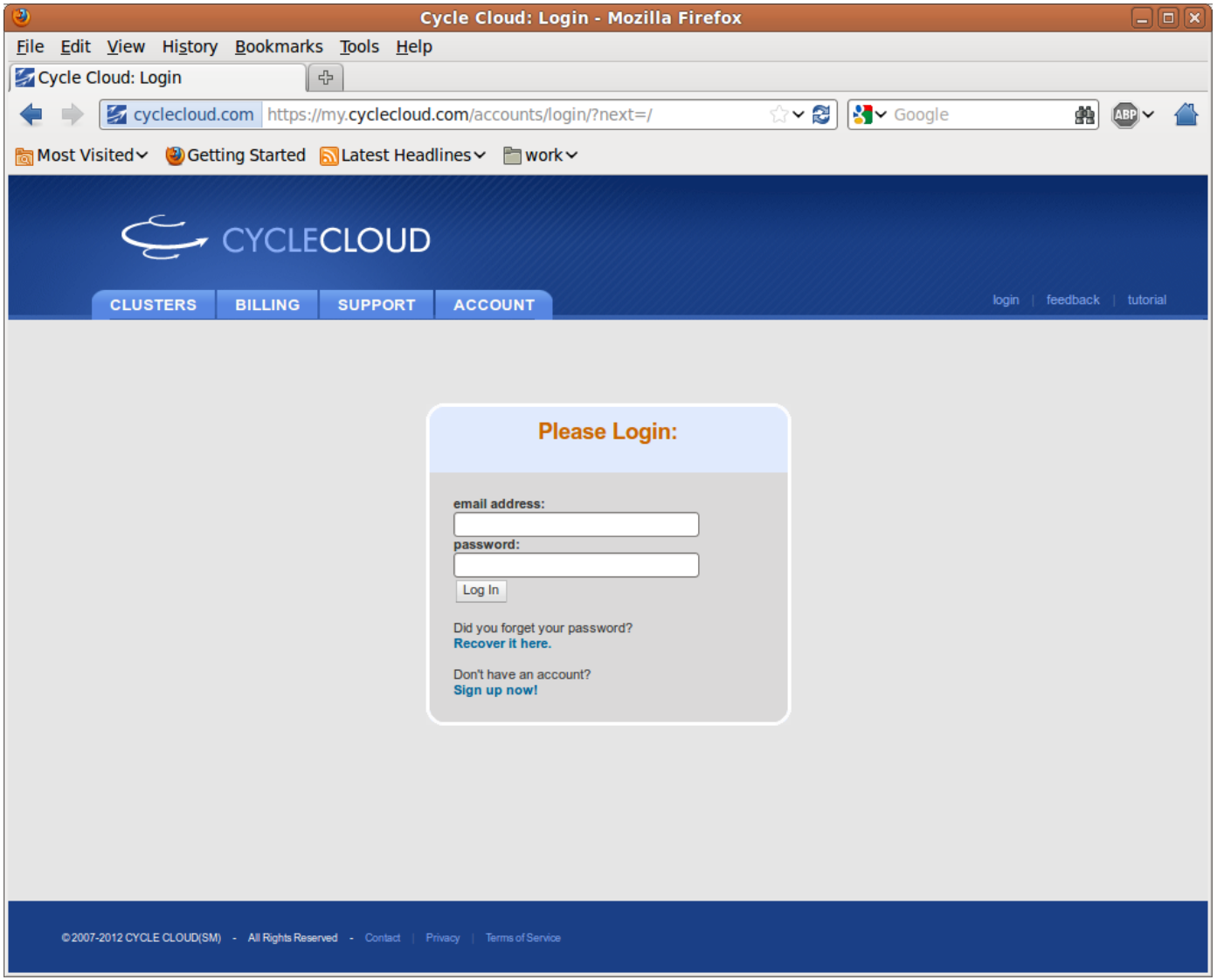
Open Science Grid

# CycleCloud demo

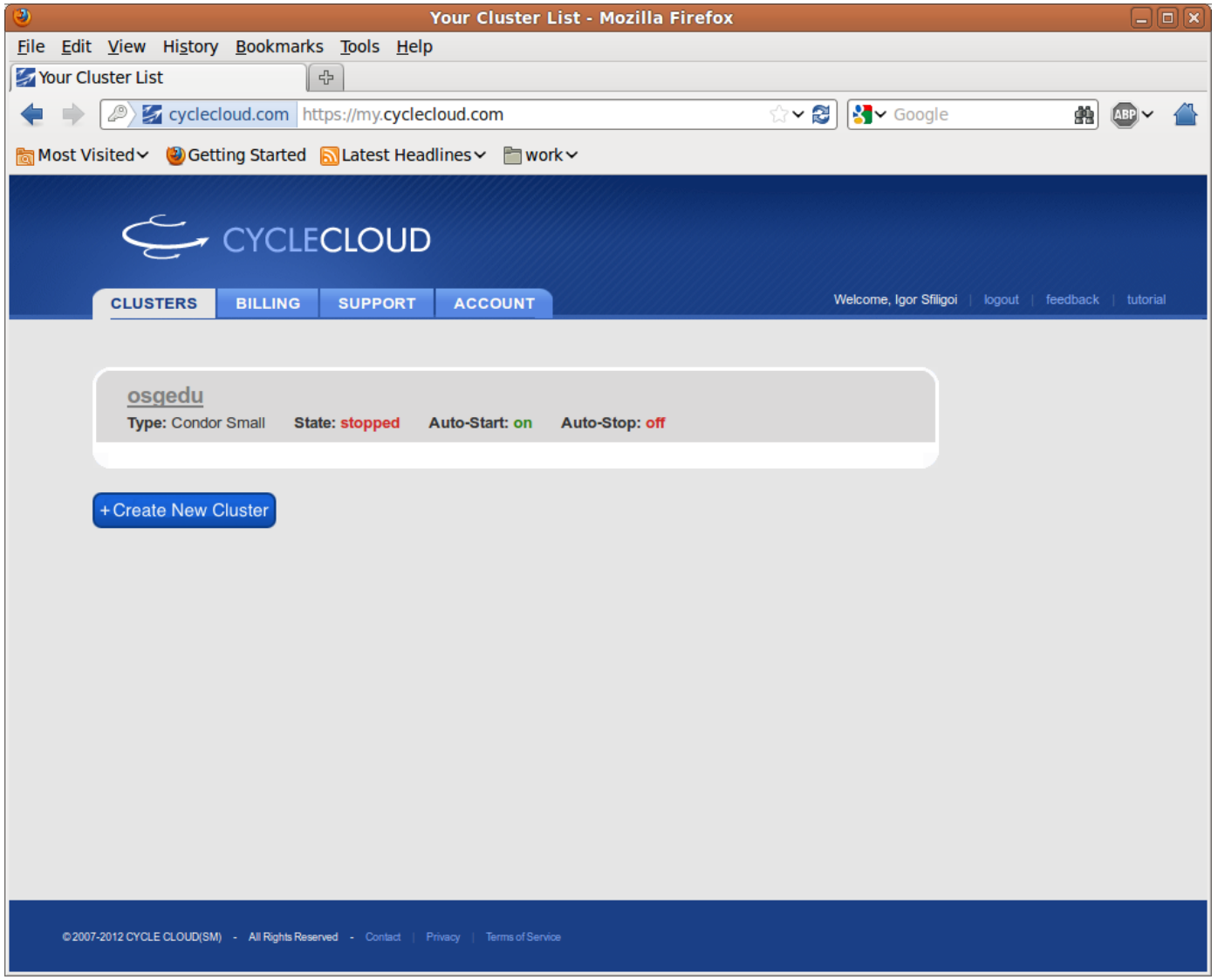
## Tuesday afternoon, 2:00pm

Igor Sfiligoi <isfiligoi@ucsd.edu>
Leader of the OSG Glidein Factory Operations
University of California San Diego

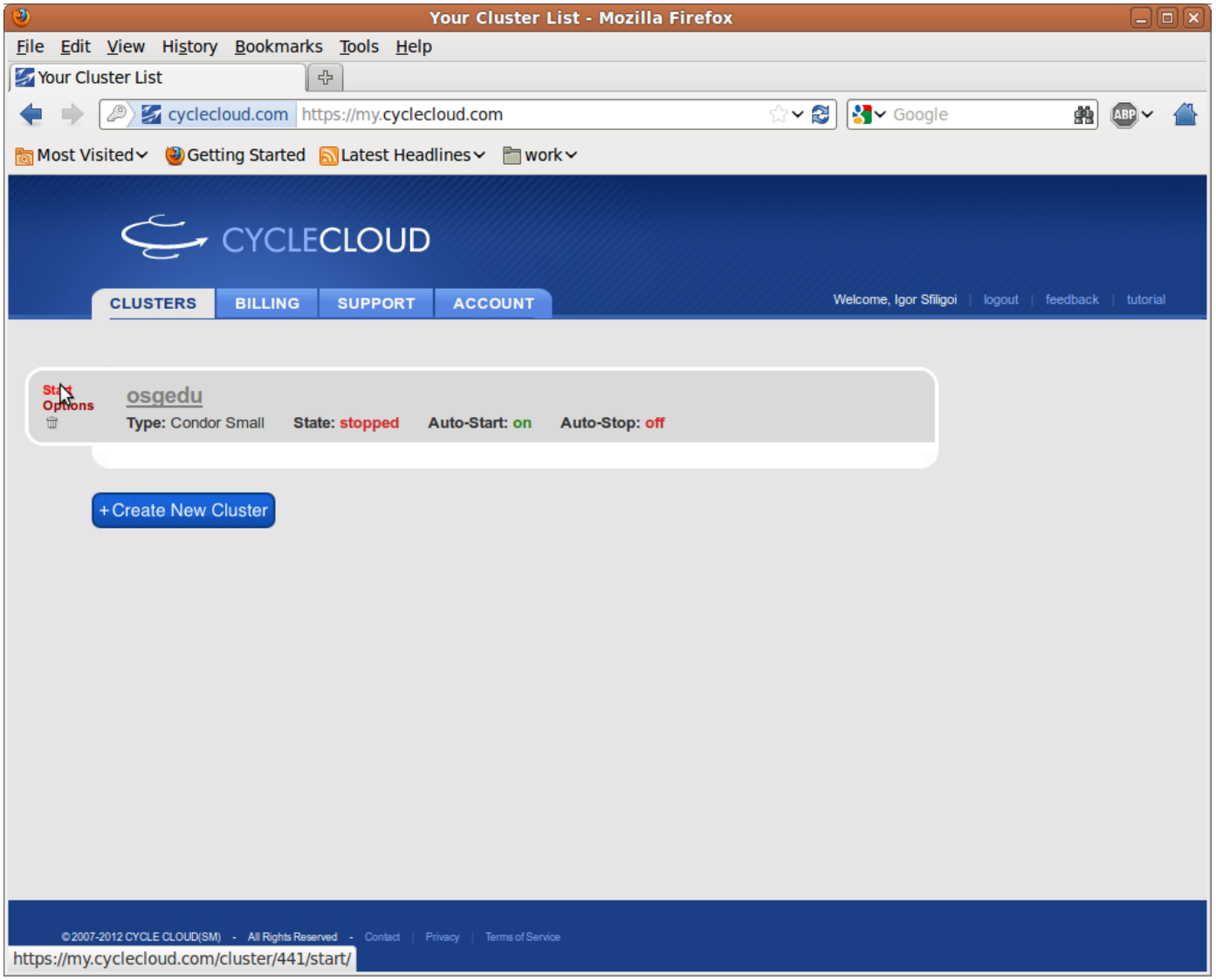
# CycleCloud Login



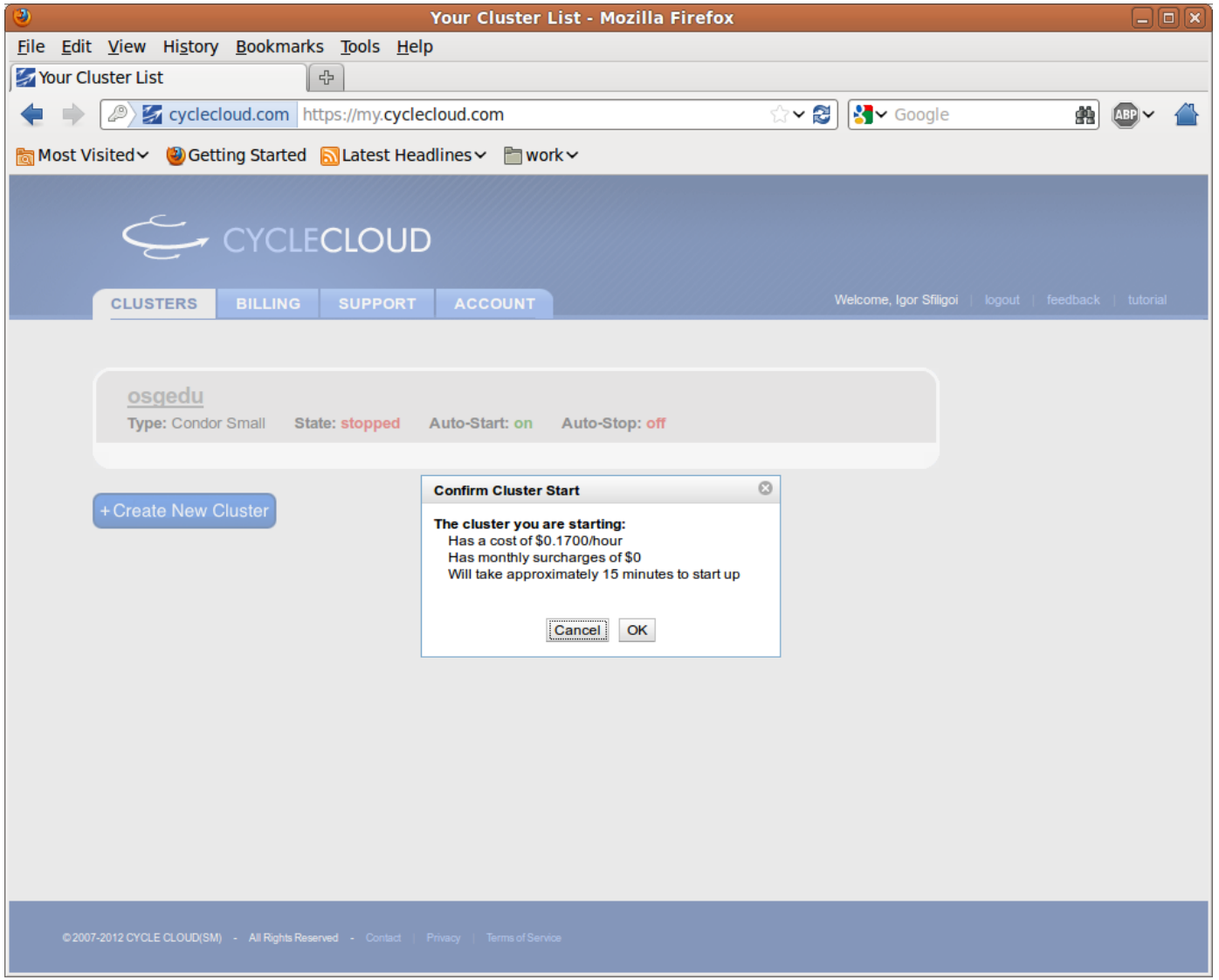
# Cloud Cluster Control Center



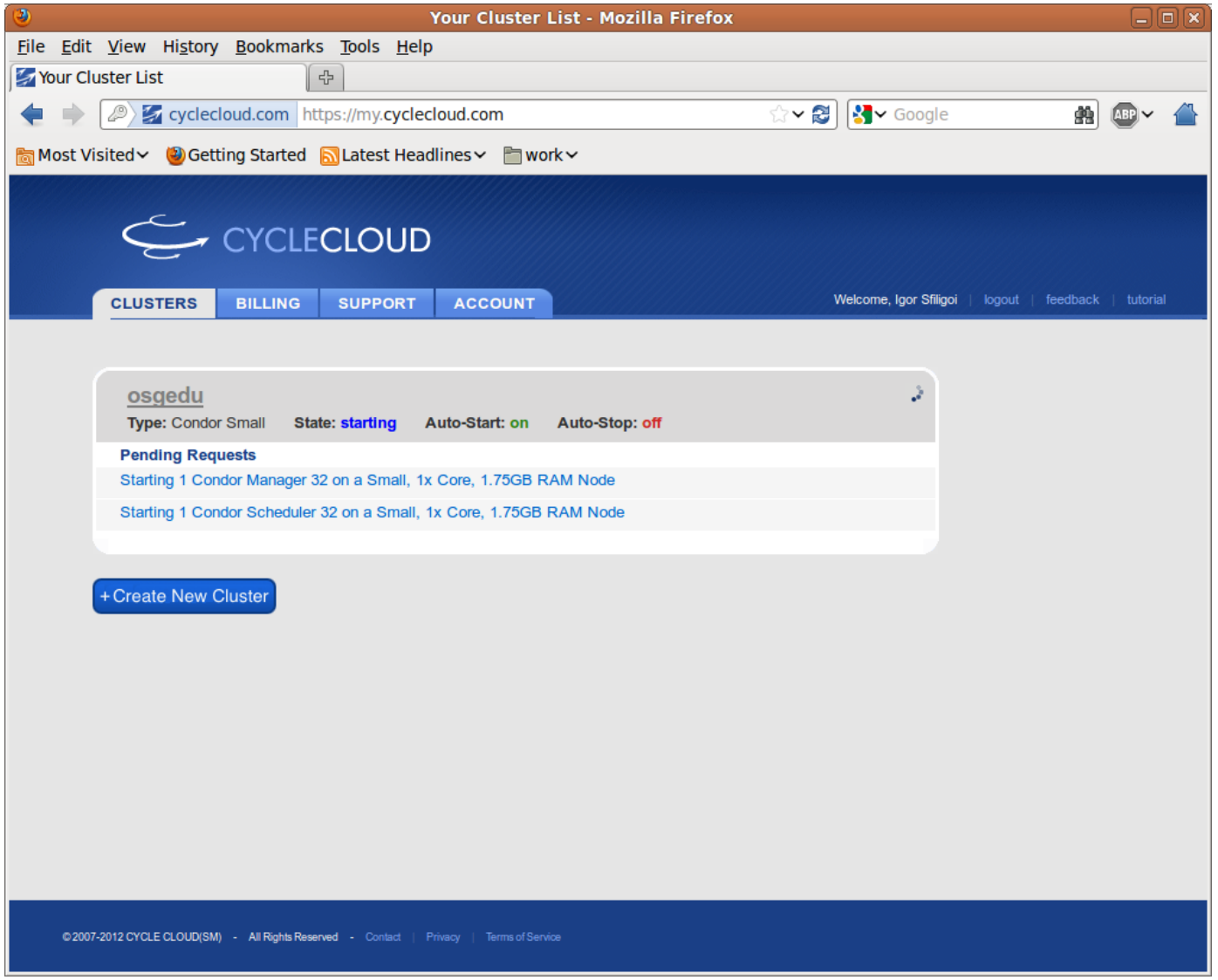
# Starting the cluster



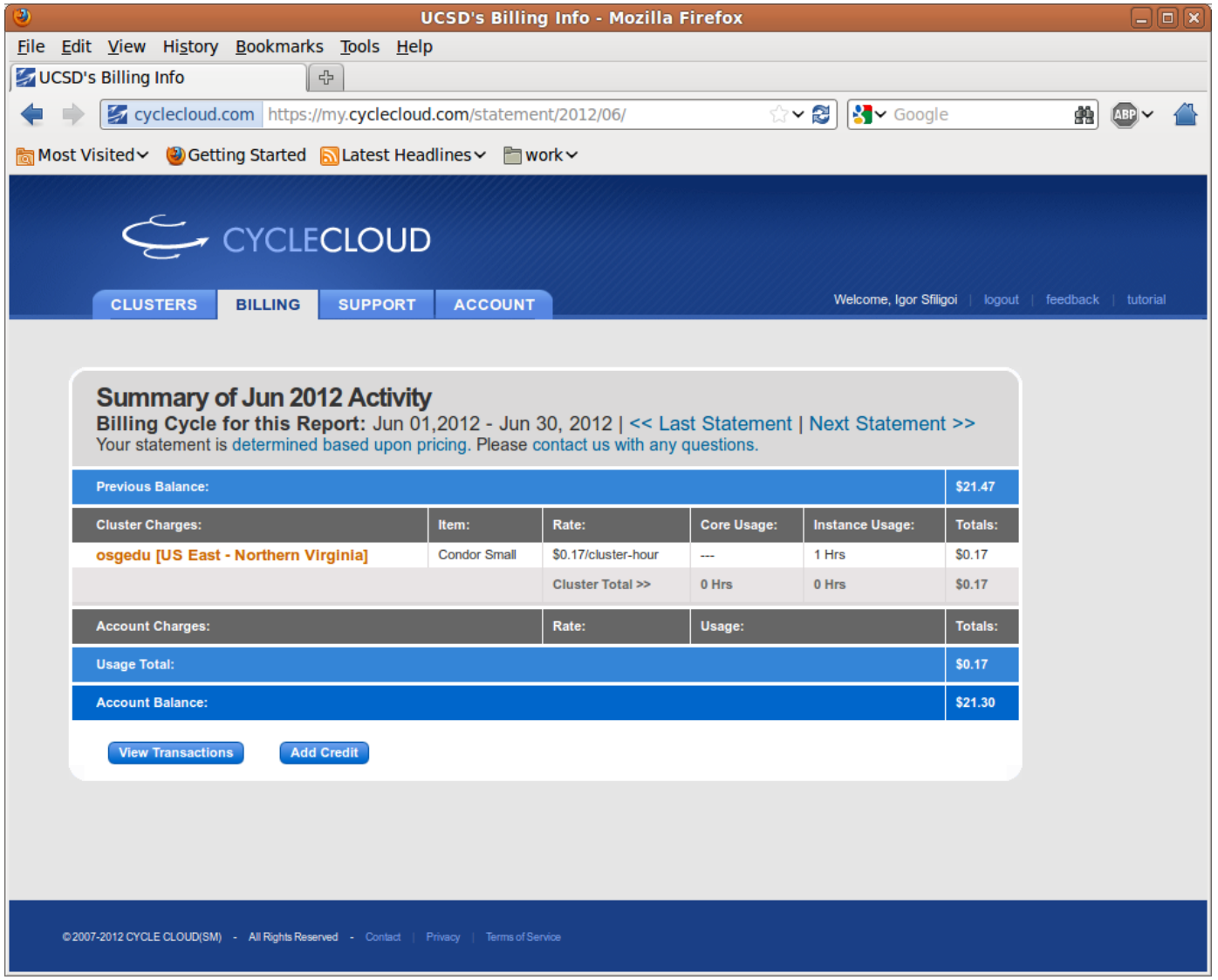
# Cost information



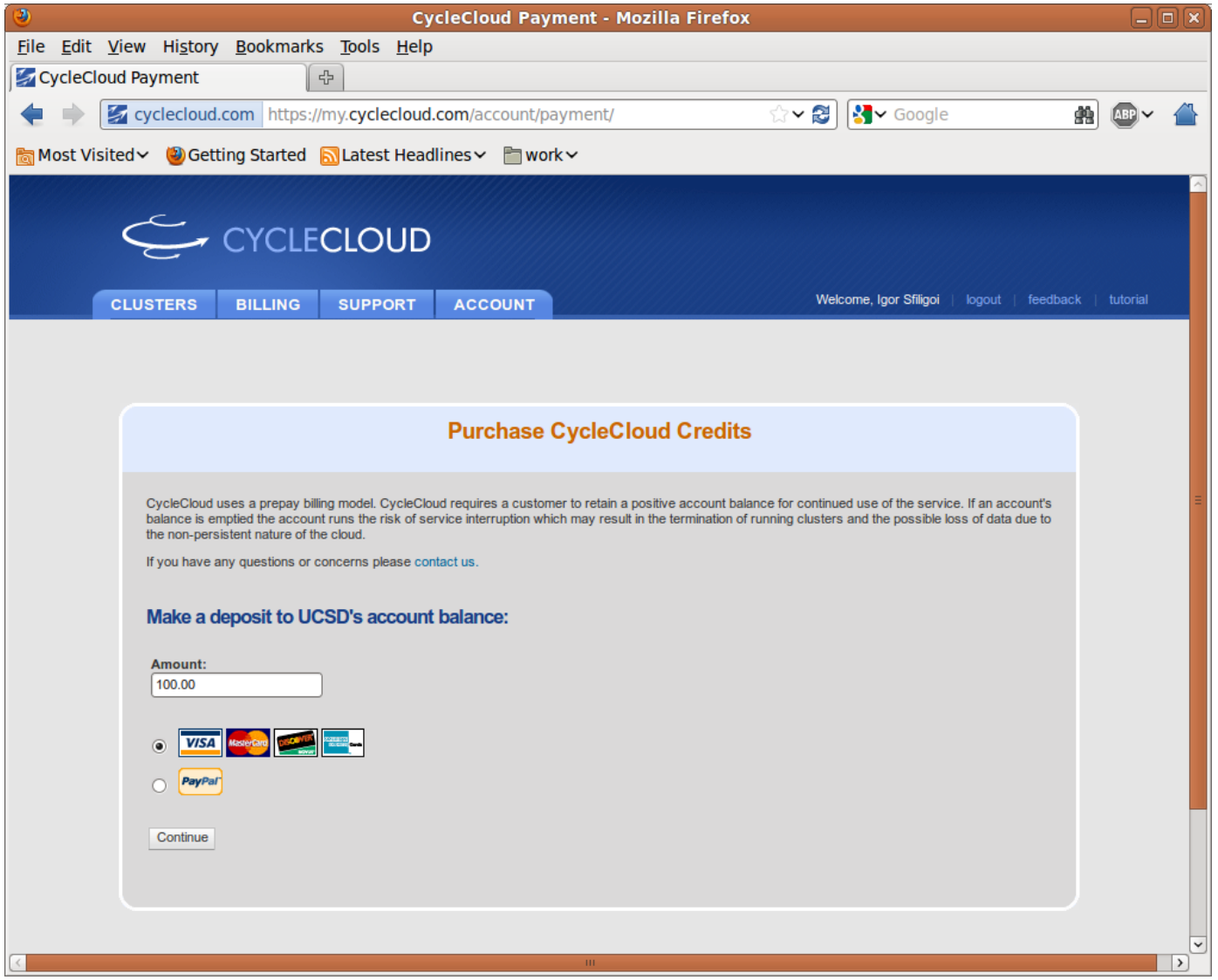
# Waiting for login node to start



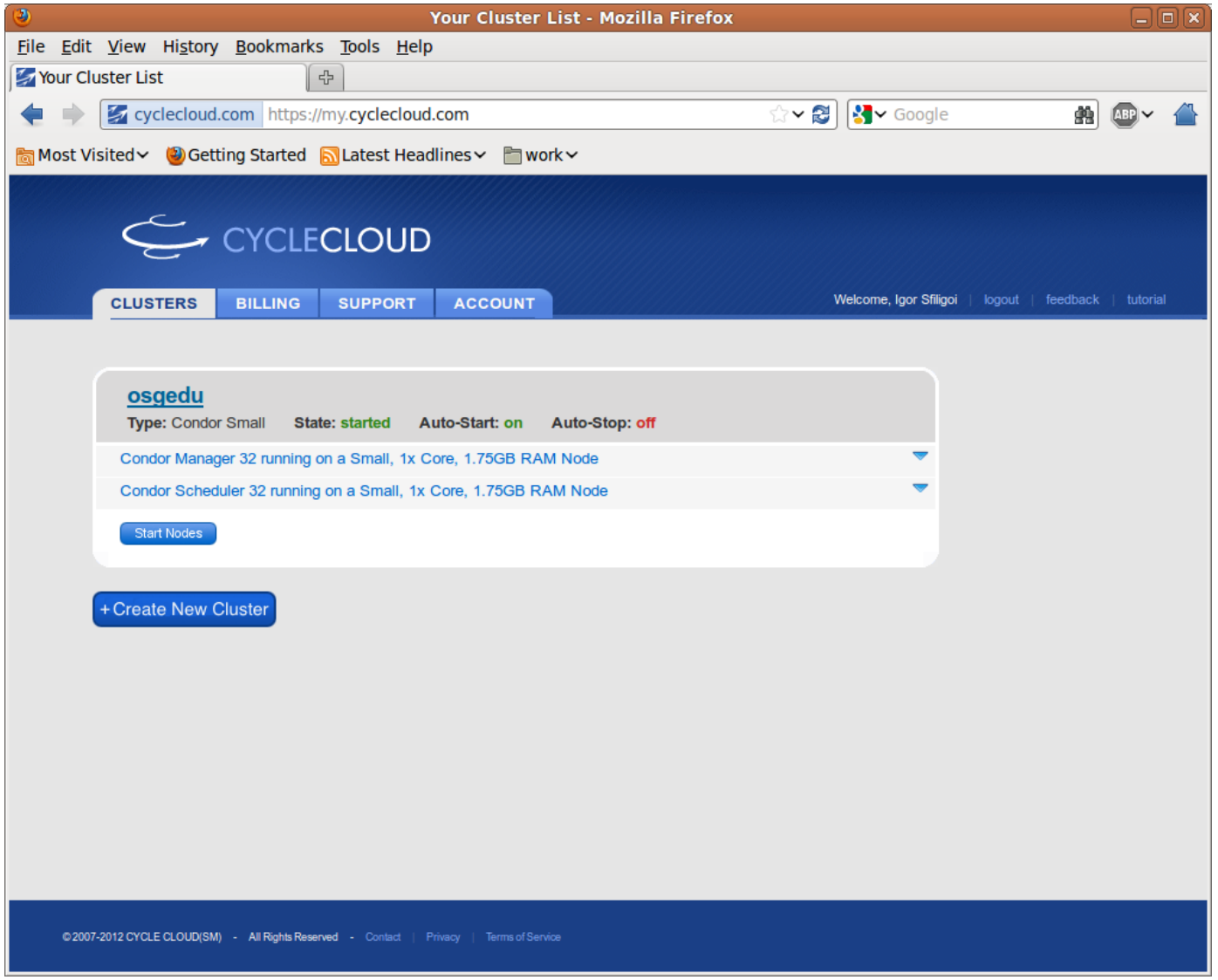
# Billing information



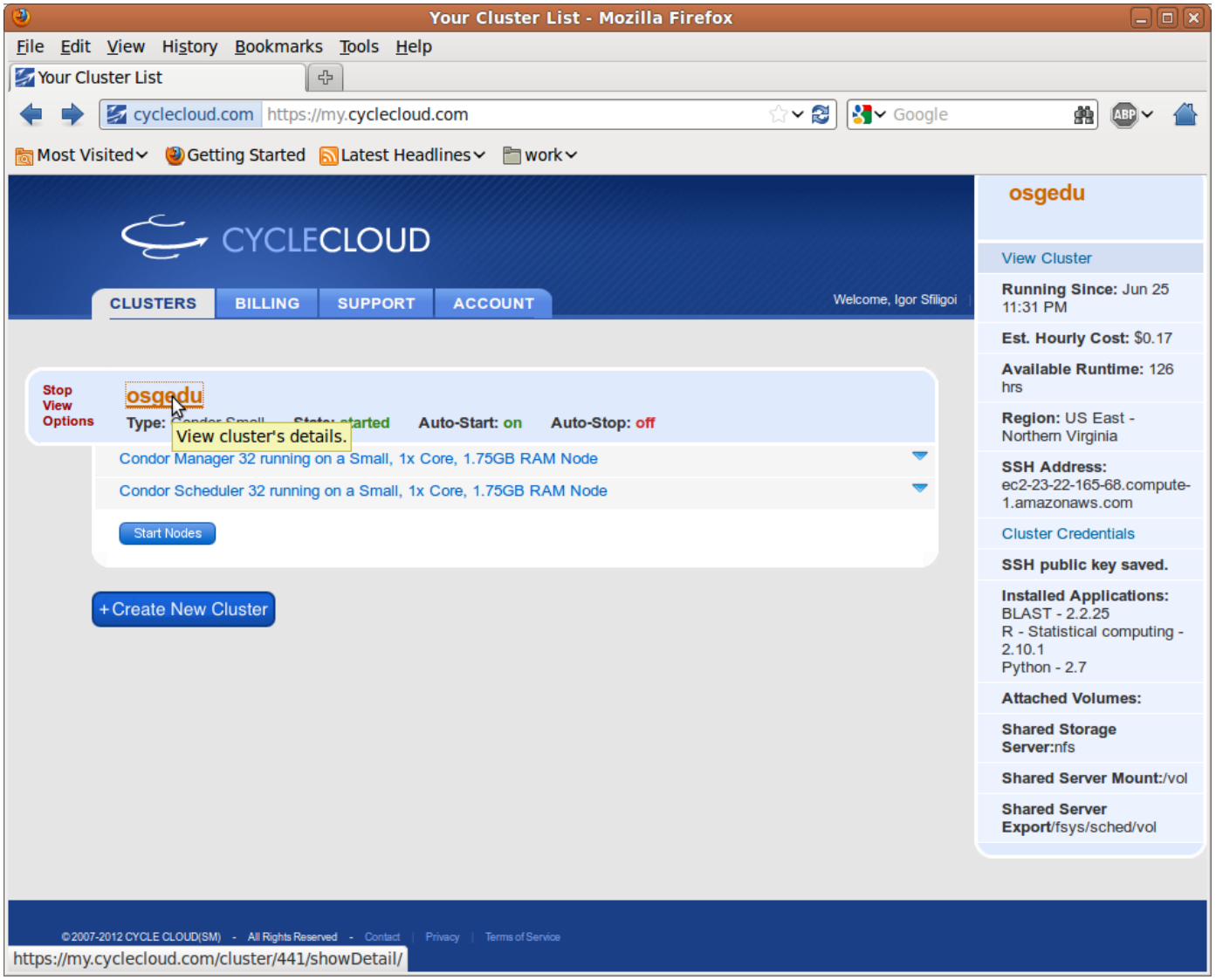
# Adding credit is easy



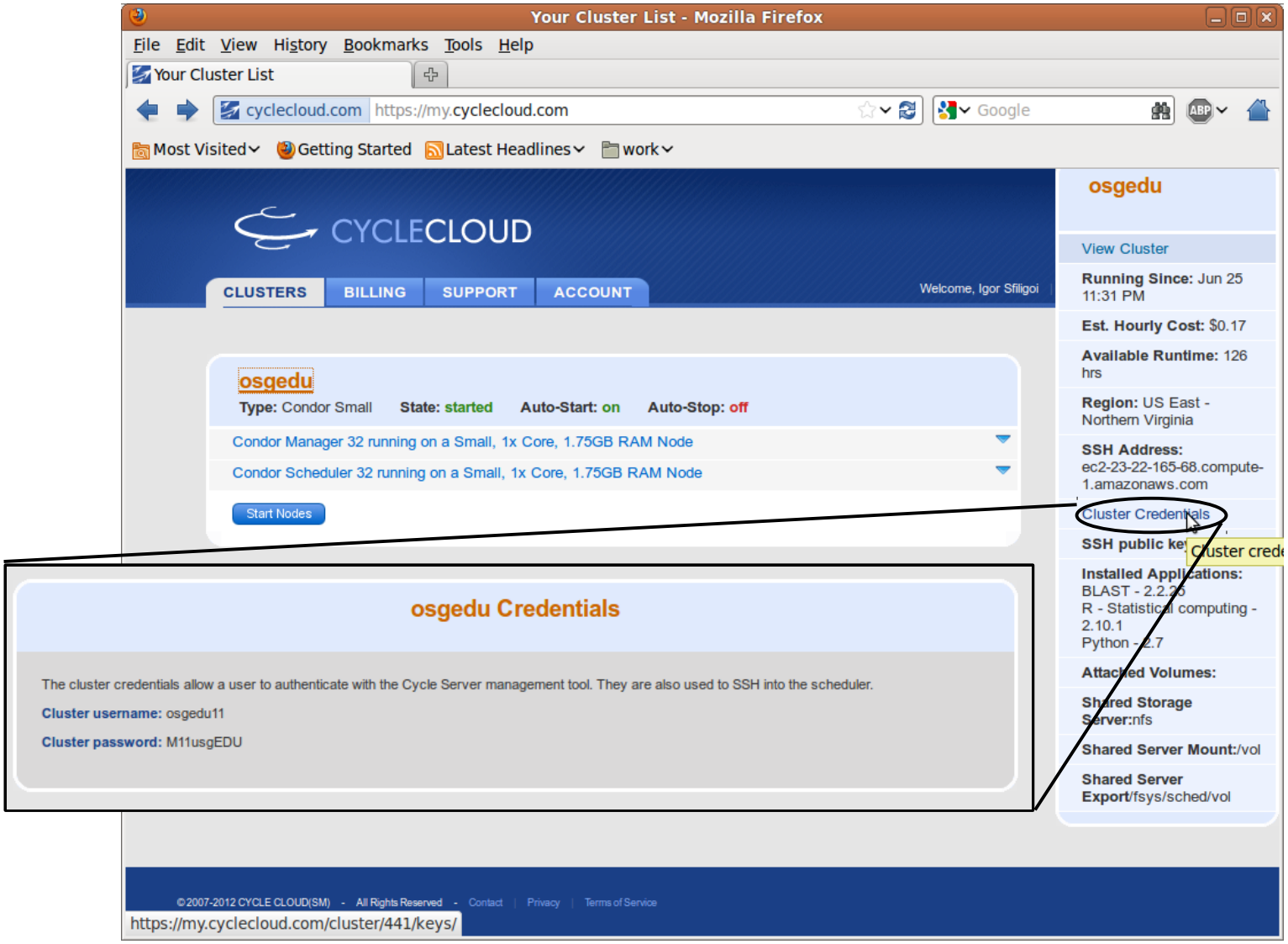
# The submit node is ready



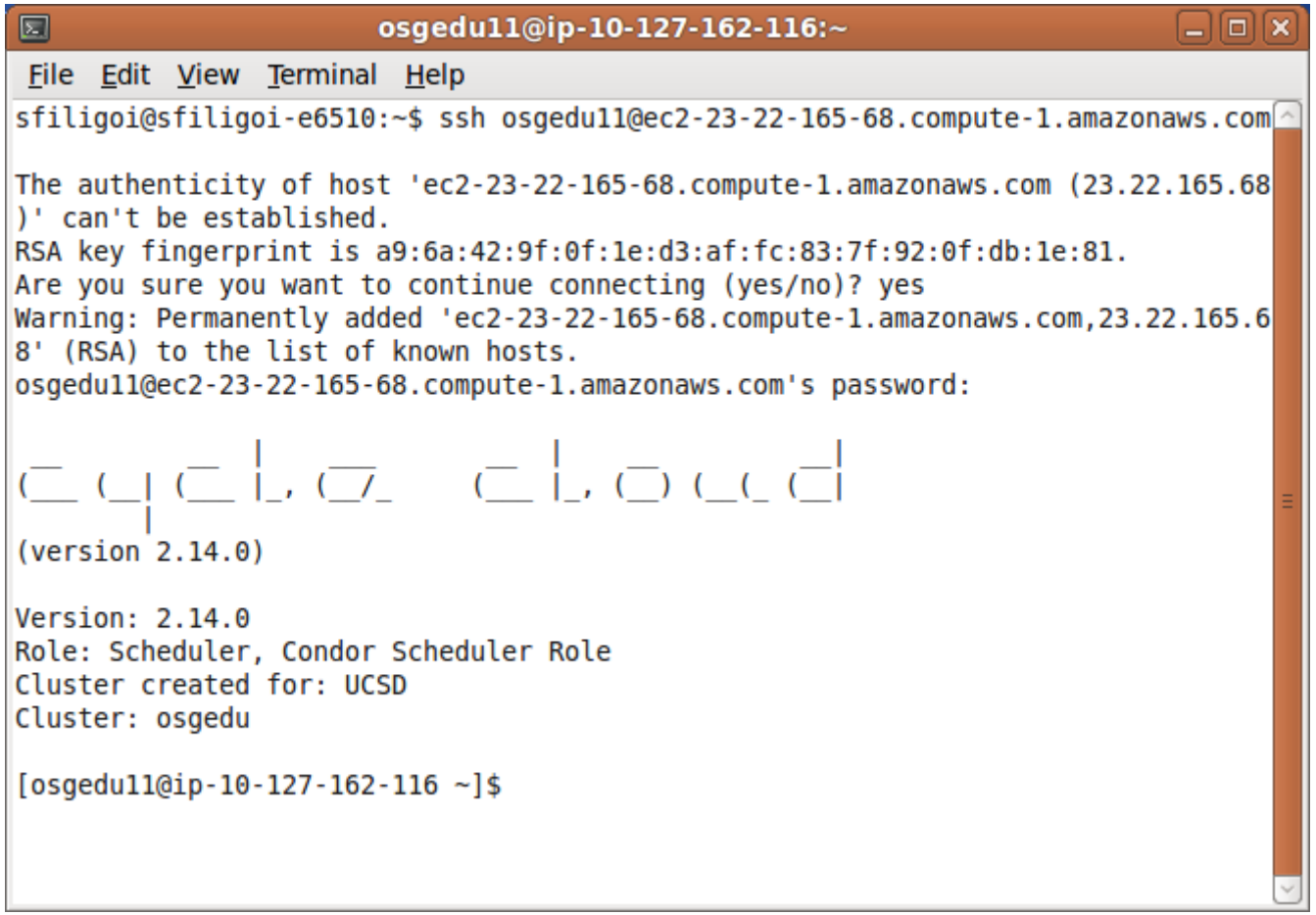
# Getting the details



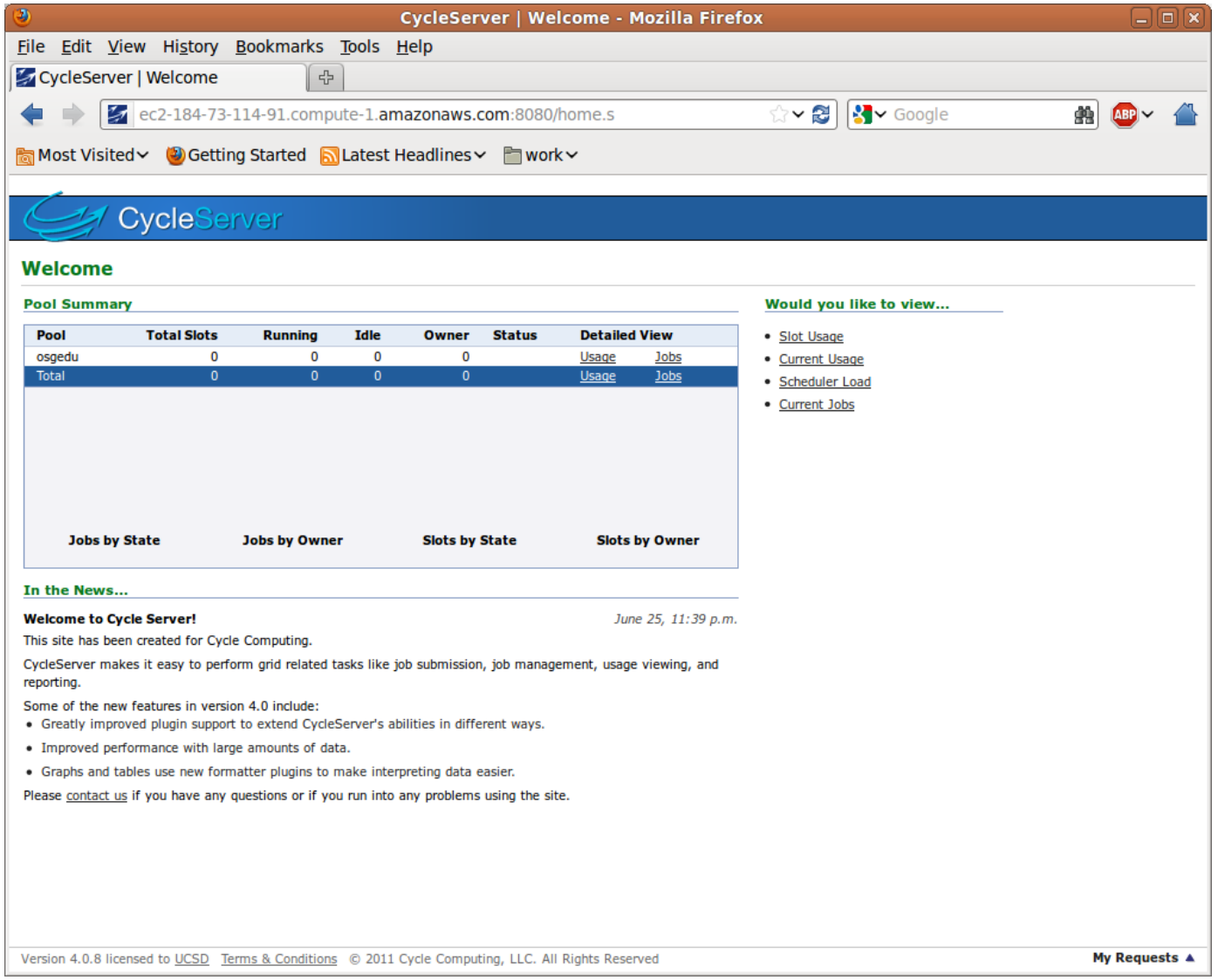
# The ssh credentials



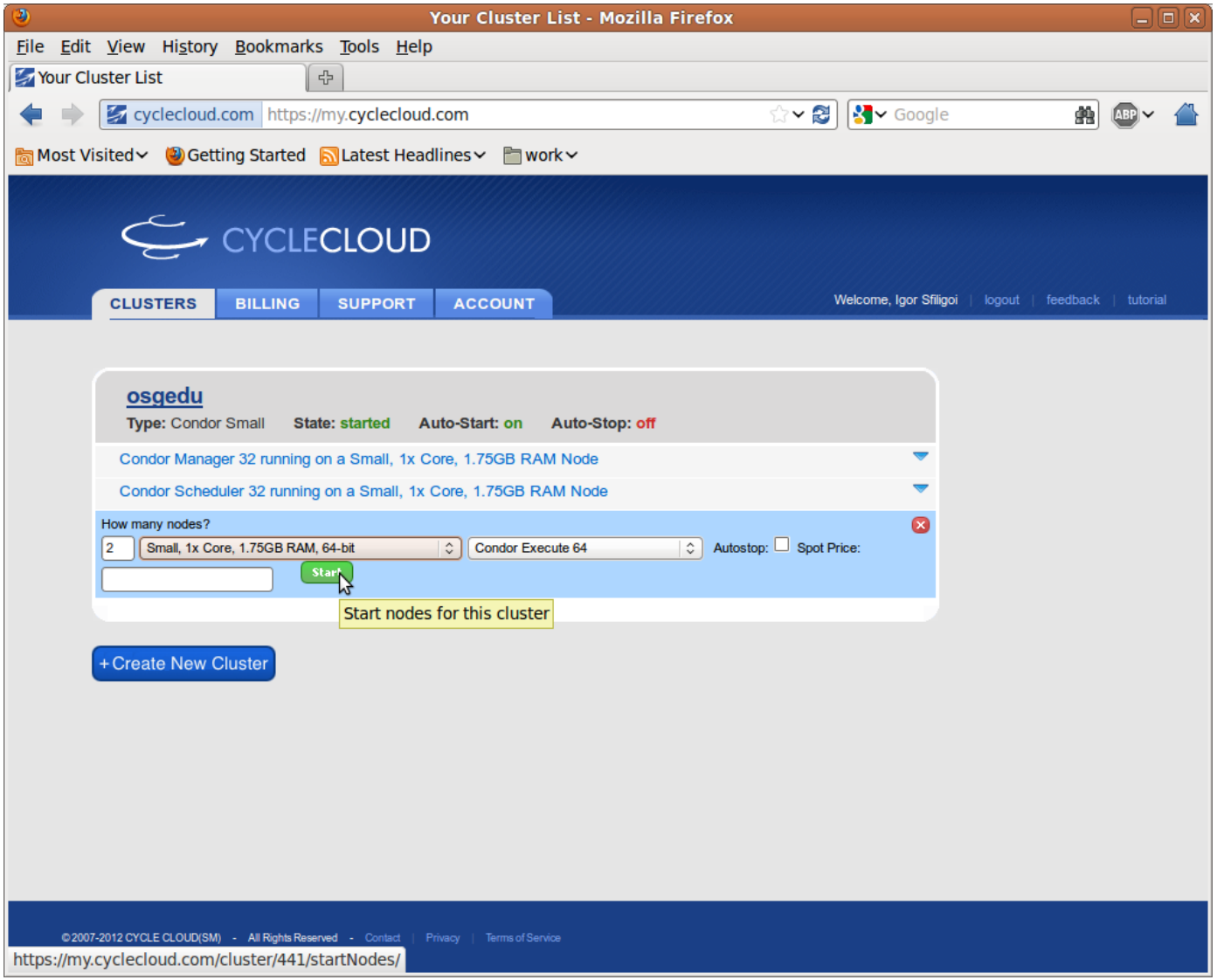
# And we are in


osgedu11@ip-10-127-162-116:~
File Edit View Terminal Help
sfiligoi@sfiligoi-e6510:~$ ssh osgedu11@ec2-23-22-165-68.compute-1.amazonaws.com
The authenticity of host 'ec2-23-22-165-68.compute-1.amazonaws.com (23.22.165.68
)' can't be established.
RSA key fingerprint is a9:6a:42:9f:0f:1e:d3:af:fc:83:7f:92:0f:db:1e:81.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-23-22-165-68.compute-1.amazonaws.com,23.22.165.6
8' (RSA) to the list of known hosts.
osgedu11@ec2-23-22-165-68.compute-1.amazonaws.com's password:
(version 2.14.0)
Version: 2.14.0
Role: Scheduler, Condor Scheduler Role
Cluster created for: UCSD
Cluster: osgedu
[osgedu11@ip-10-127-162-116 ~]$

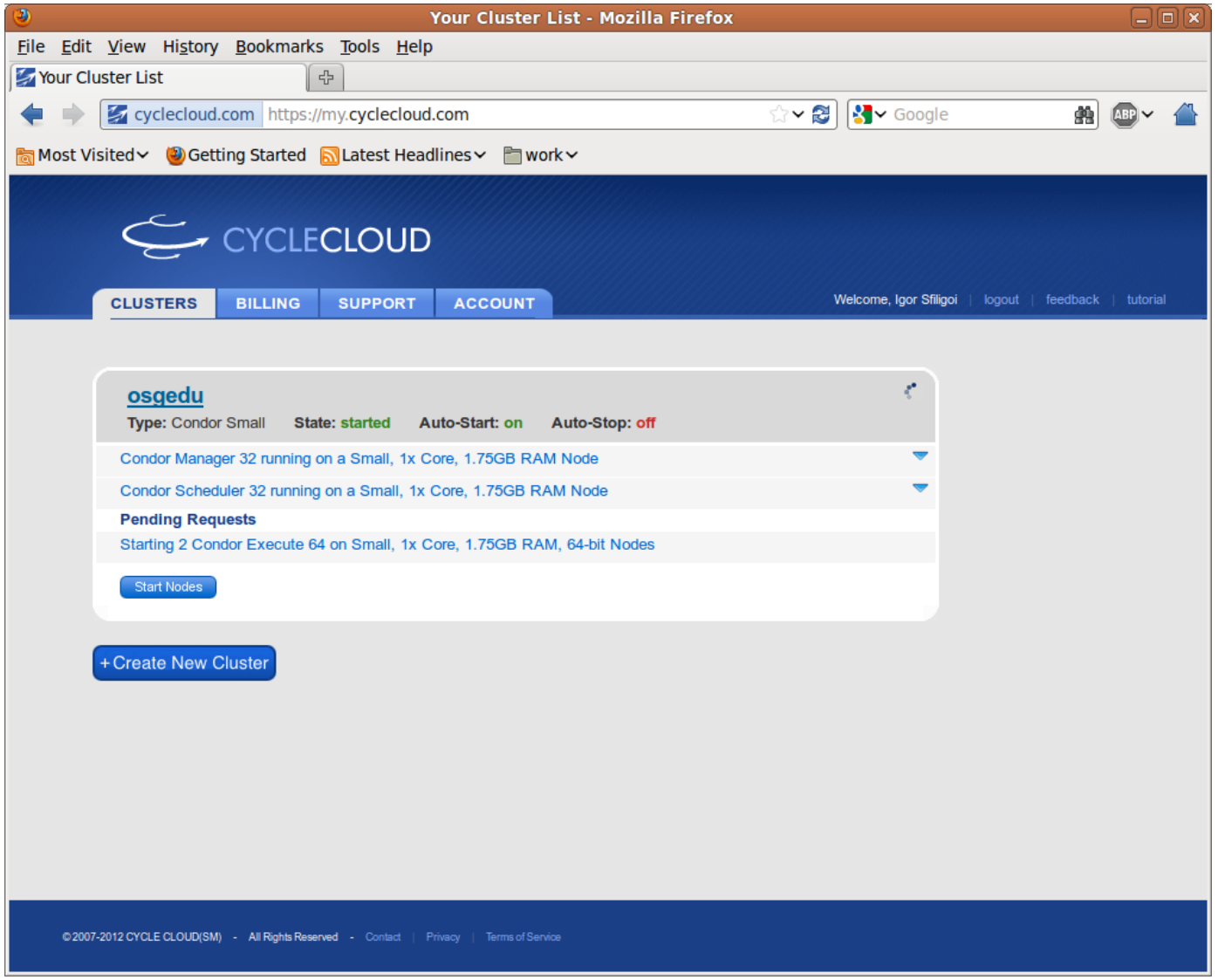
# We also get a CycleServer



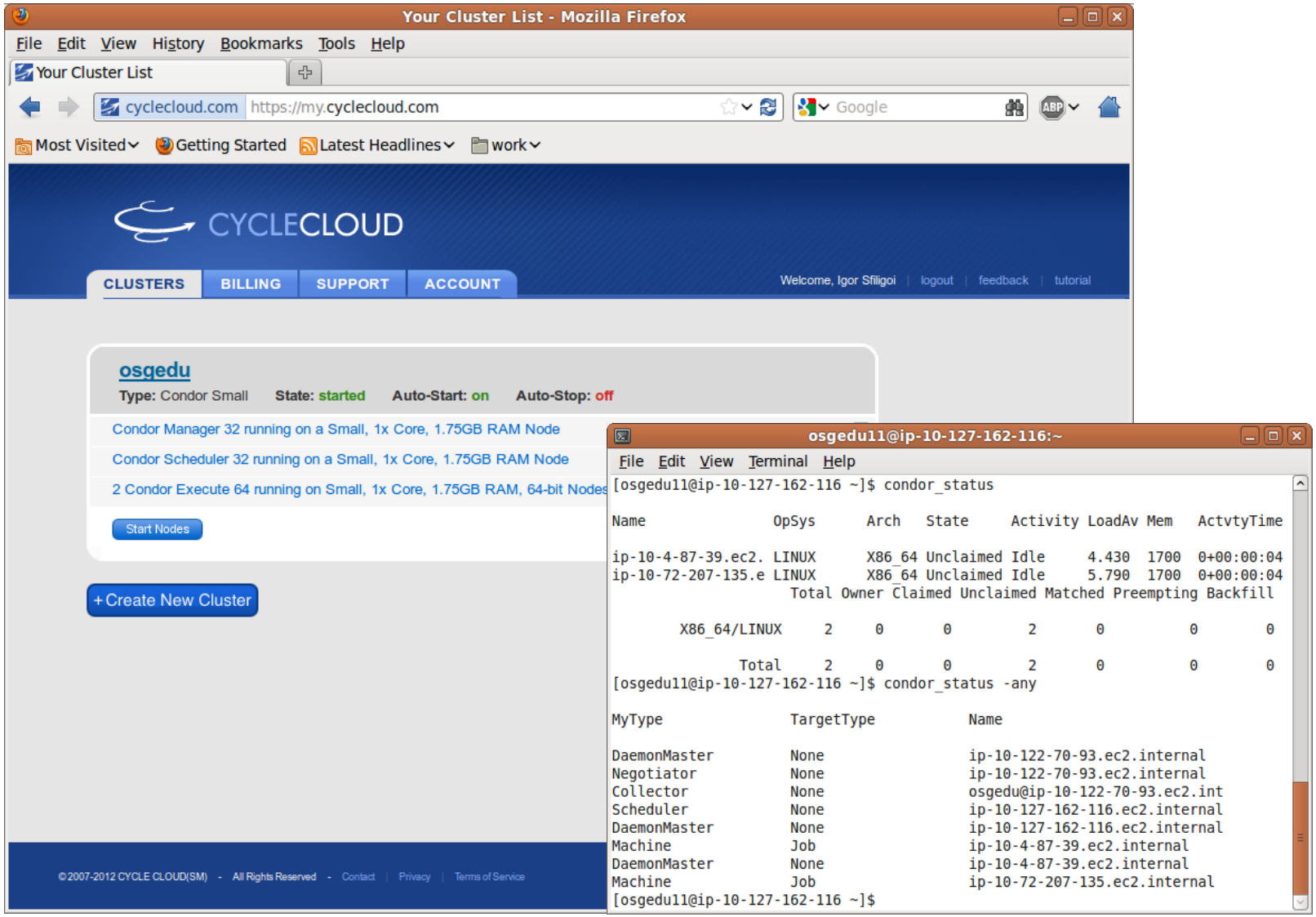
# Let's start some compute nodes



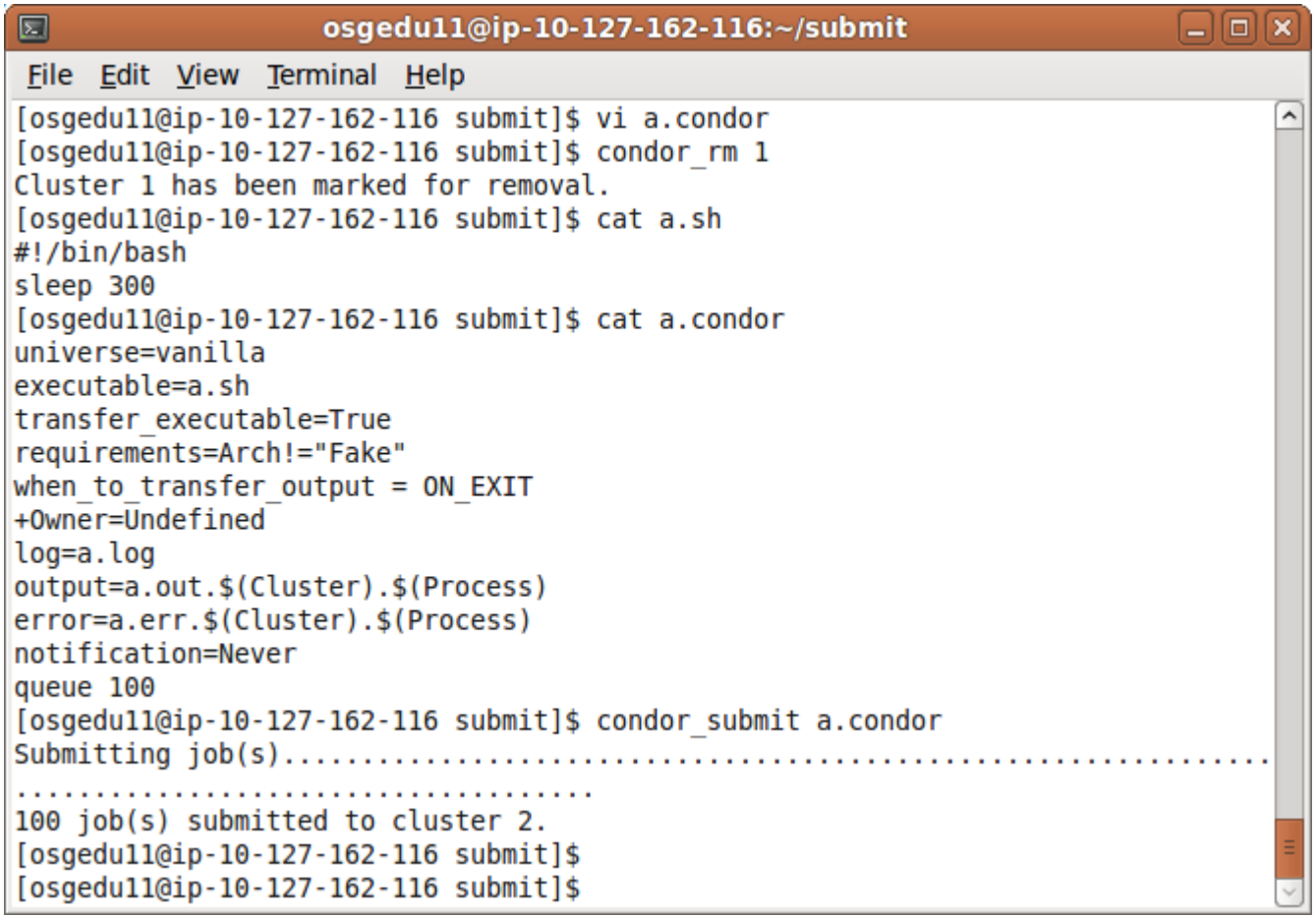
# And wait patiently



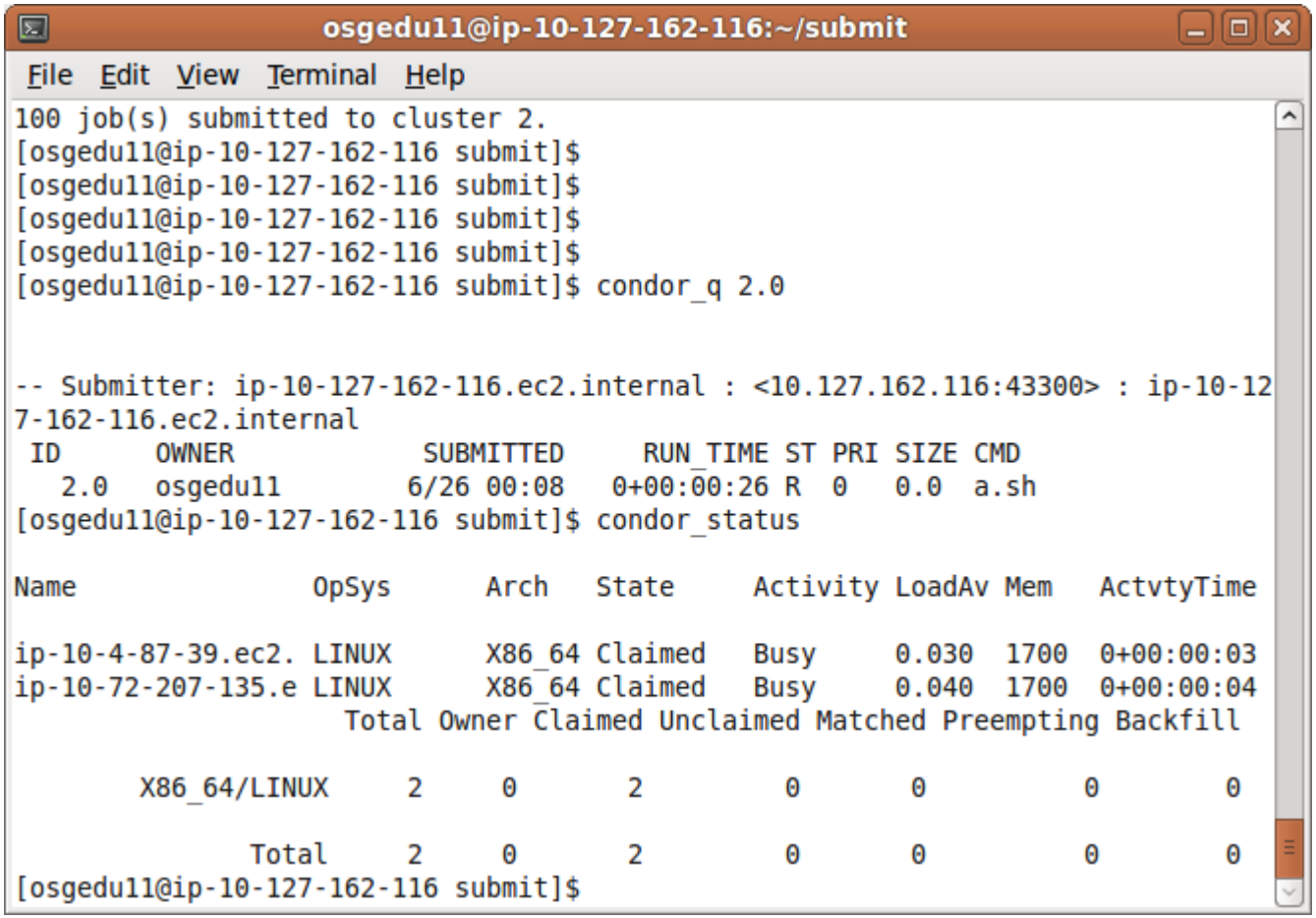
# Here is our Condor pool



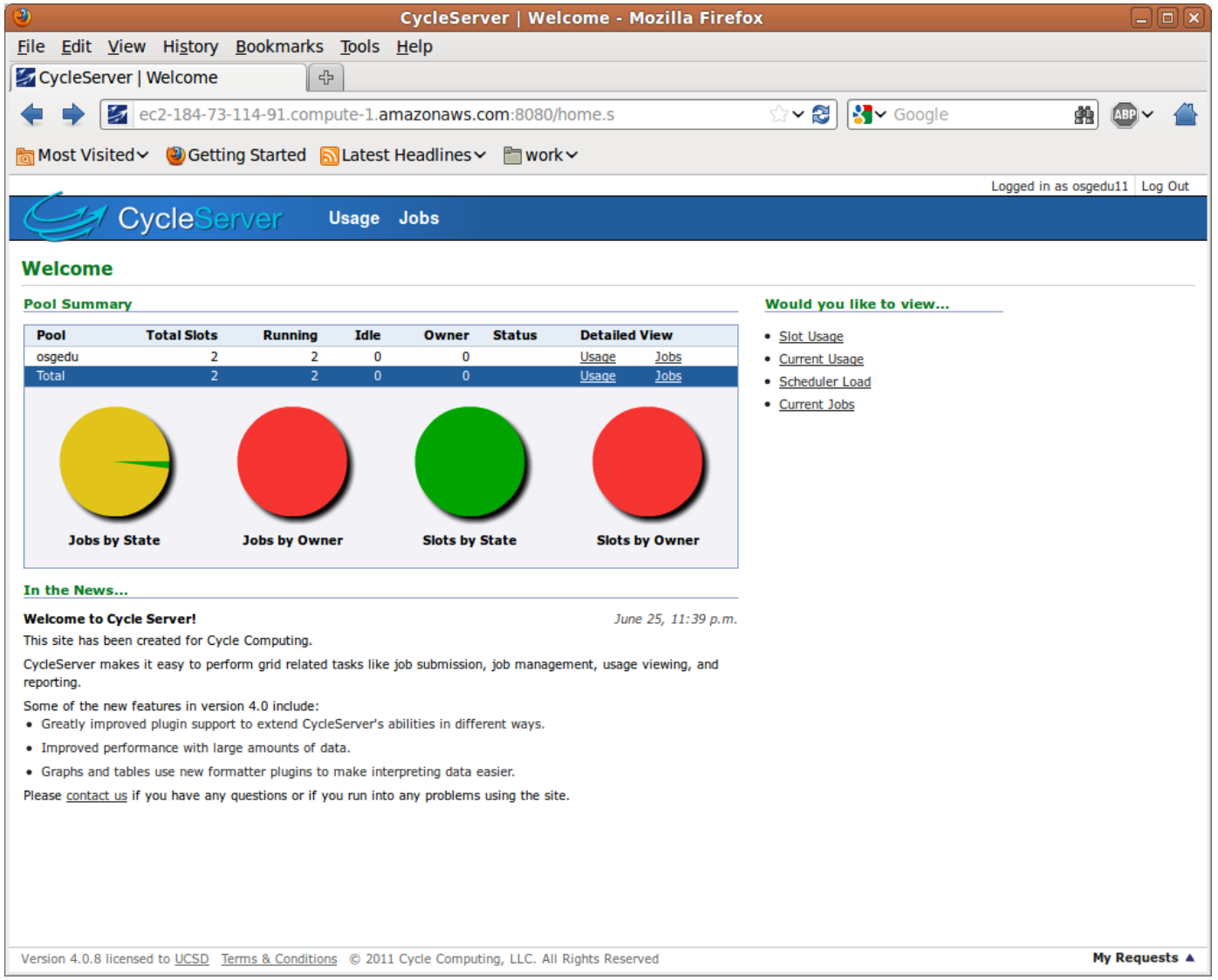
# Let's submit some jobs



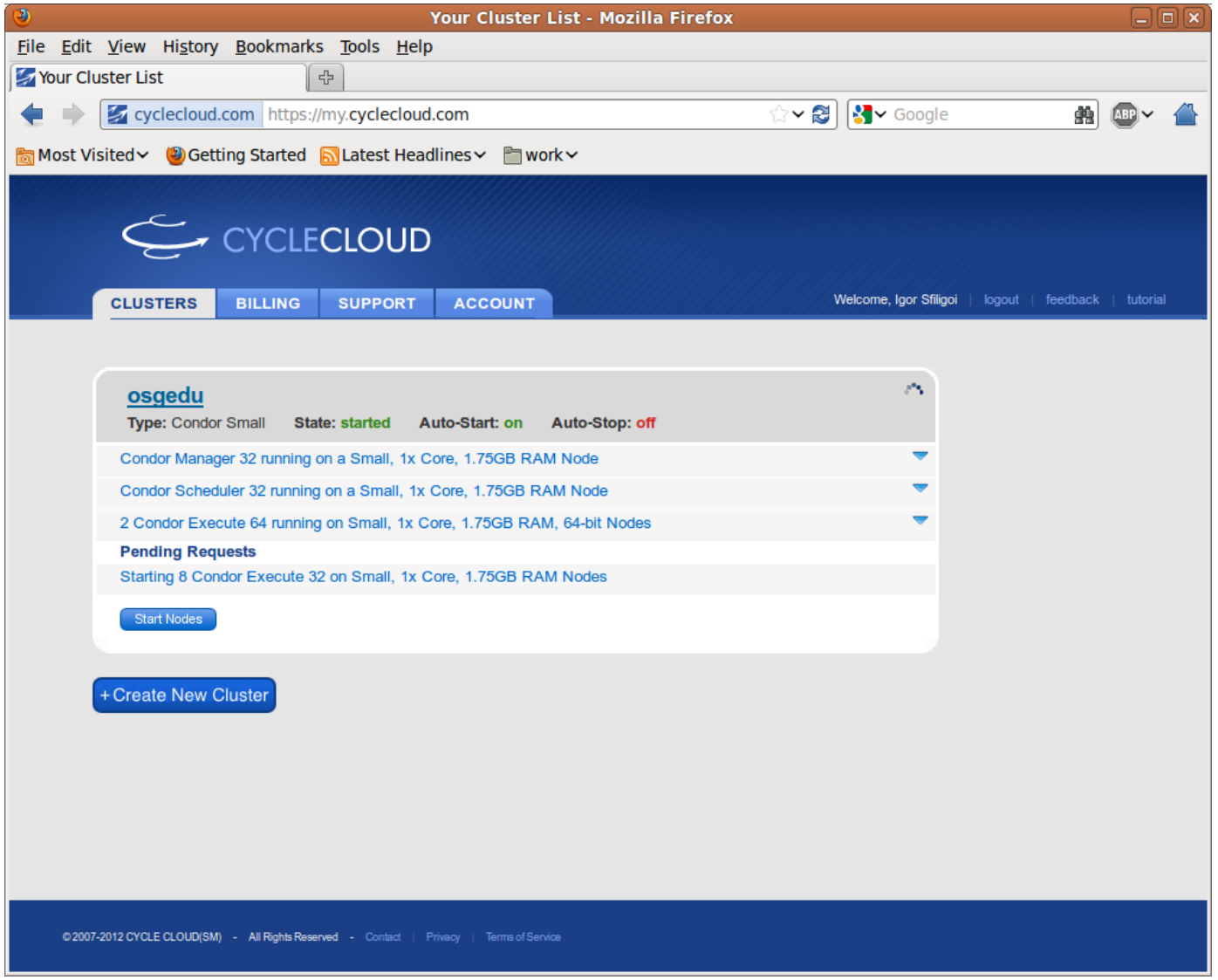
# And we have running jobs



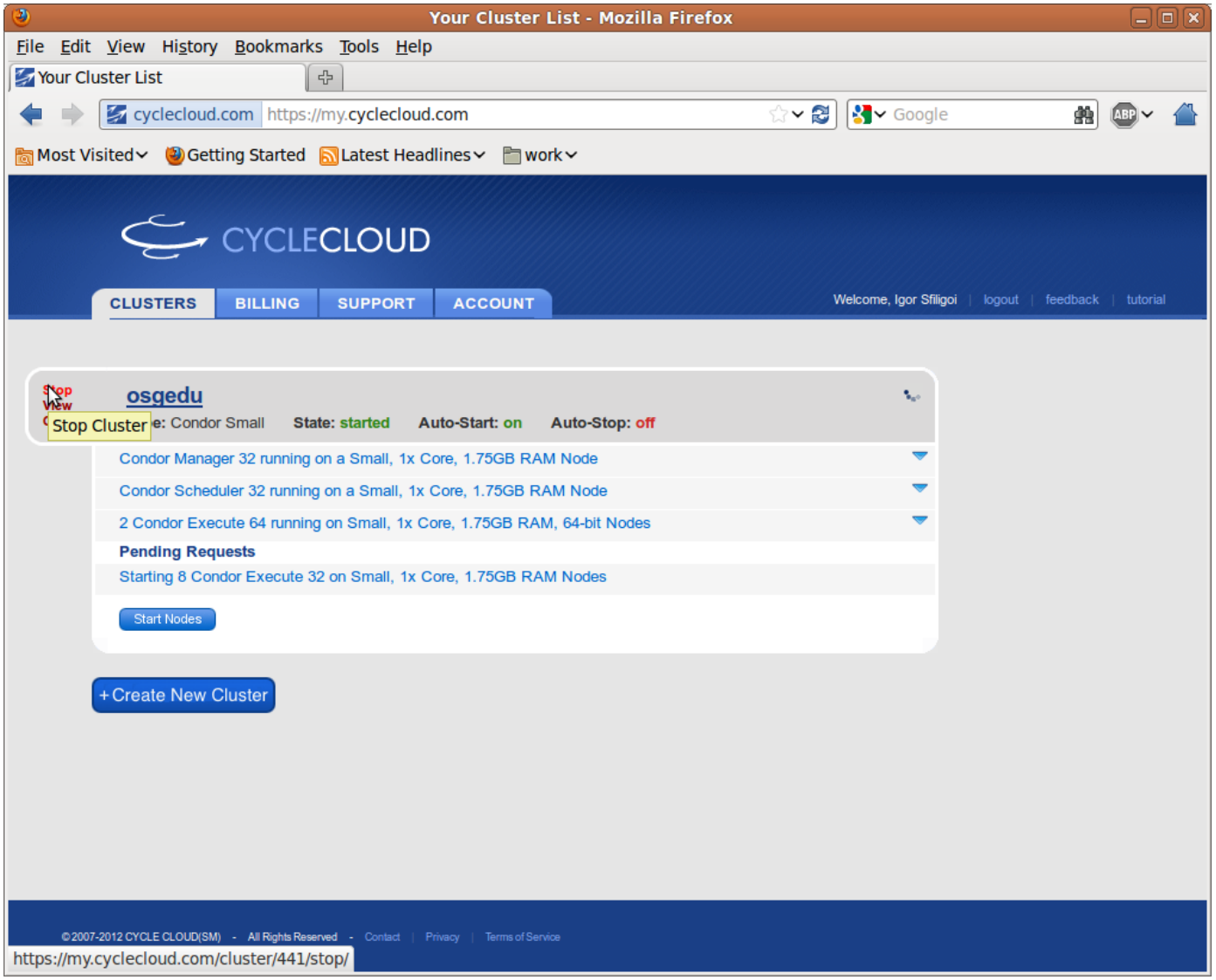
# CycleCloud shows this as well



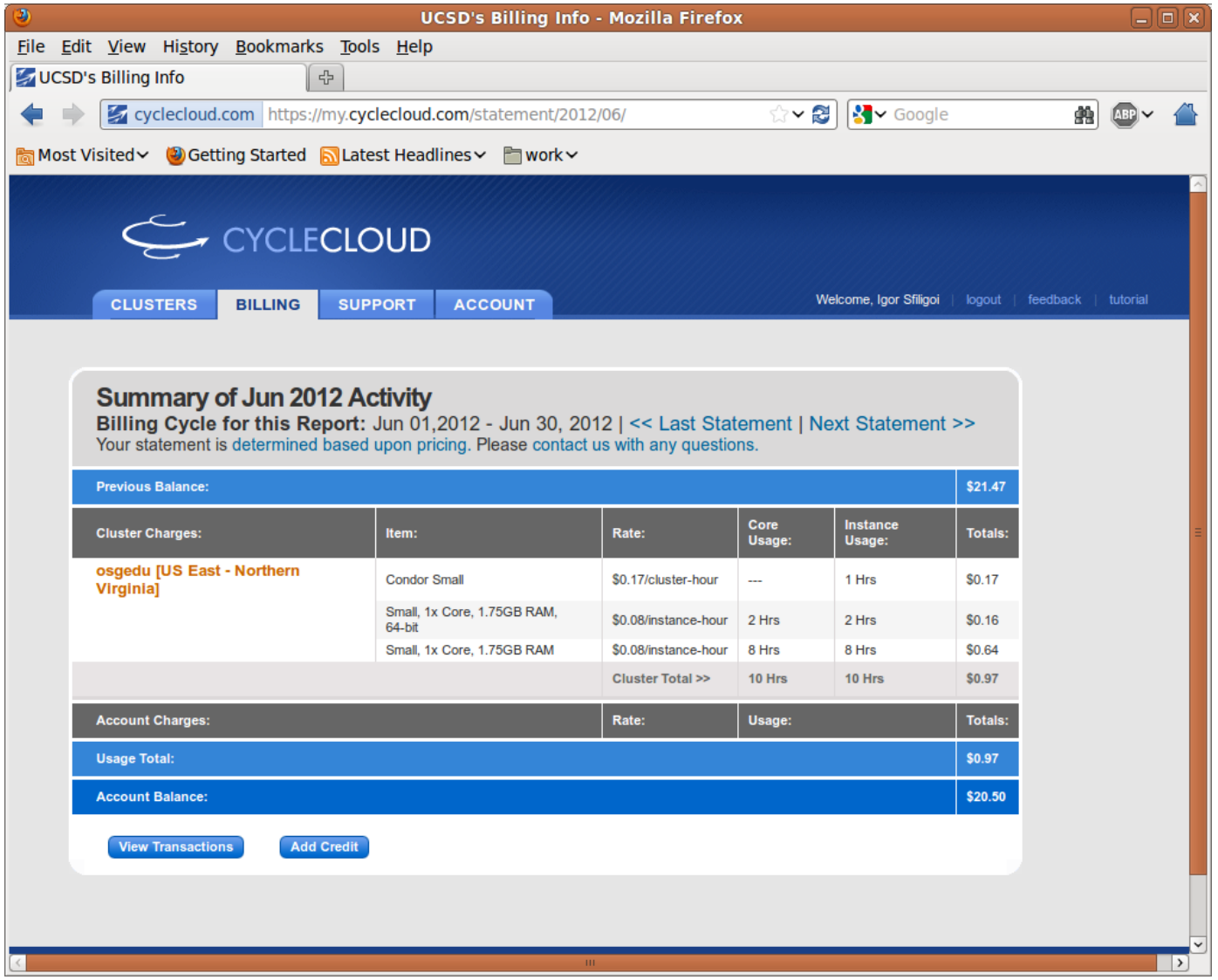
# With auto-start, more WNs on the way



# But enough for the demo



# A final look at the cost



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# Questions?

- Questions? Comments?
  - Feel free to ask me questions anytime:

    Igor Sfiligoi <isfiligoi@ucsd.edu>