https://computing.fnal.gov/offsite_visitor/offsite_acct_request.shtml

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Fermilab Computing Sector

About | Services | Science & Computing | Internal

Request for Fermilab Visitor ID and computer accounts

There are 5 pull-down menus.

Provide your affiliation : select E-1000 in the 1st pull-down which asks for your experiment – it is there.

Provide your information : select something as close as you care in the 2nd (professional class)

Provide Fermilab contact person information : I am your contact (Stephen Pordes,+1 630 840 3603, stephen@fnal.gov)

Select a user name for your Fermilab accounts : do not miss the security question (3rd pull down). Most people will not need a cryptocard –select No unless you know you need one (4th pull-down)

Your initial Kerberos & Services Account password : please note the account is not setup even though you have the initial password

At the very bottom, you are asked if you have read and agree to abide by the rules in the Fermilab Policy on computing (pull down 5).

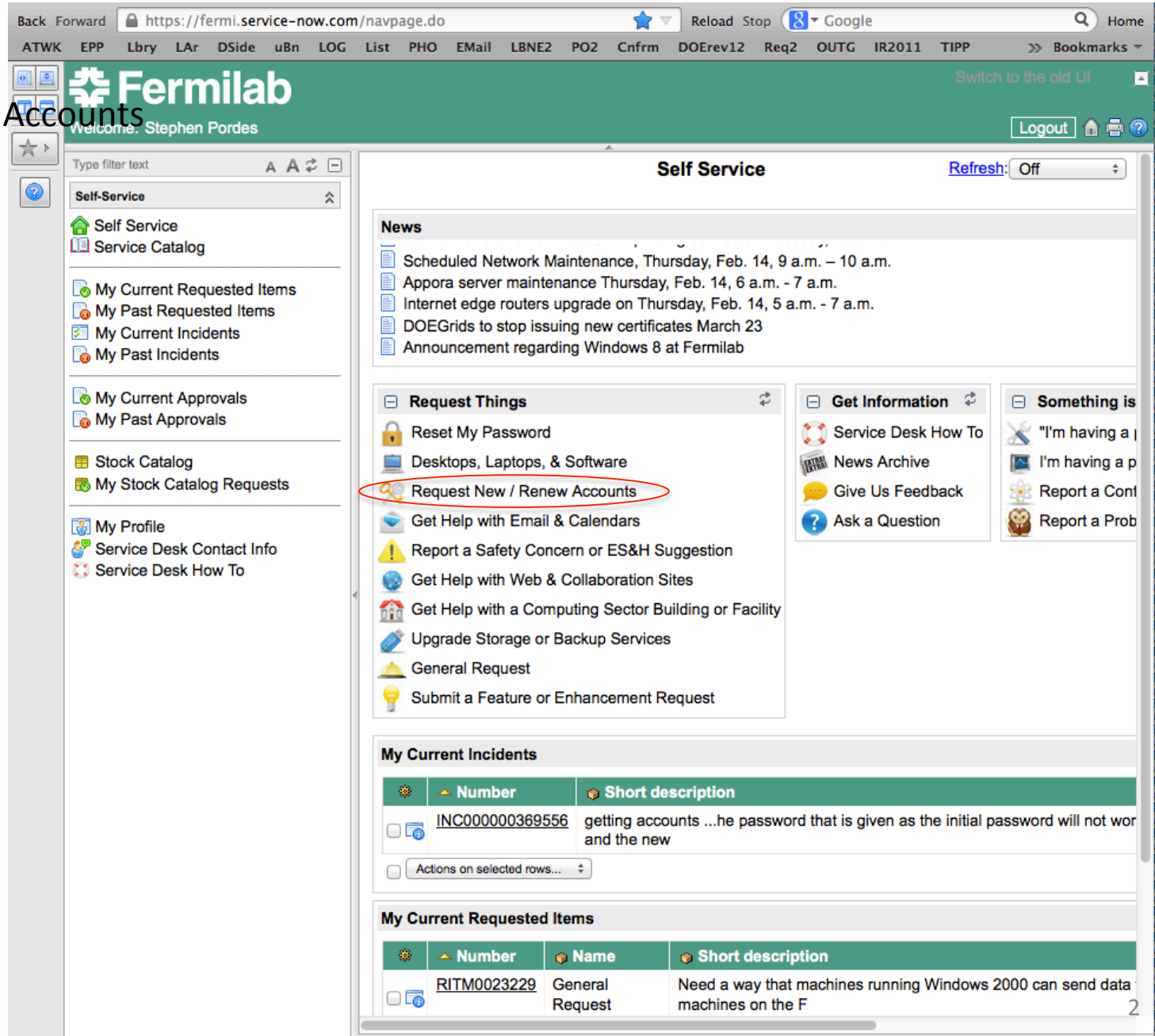
This form generates a mail to me and Cristiano to approve the account. You should get a mail that your account has been setup within one working day of the `account approve' mail that I or Cristiano send.

When you have your Fermilab general account, for analysis you need an account on fnalu – the central unix cluster – as described in the next pages. You should automatically get access to ds50gpvm01.fnal.gov and ds50srv01.fnal.gov once your account is active. If you have a FNALU account from another experiment, skip to slide 6.

If you want to work on the DAQ machines, please send a mail to ds50-artdaq@fnal.gov (from a .edu, .infn.it, or fnal .gov address)

Once you have your email to say you have your account, go to `fermi.service-now.com' – login with your username and password to see this page.

Select
Request New/ Renew Accounts



Select
Request FNALU Account

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Fermilab

Switch to the old UI

Welcome: Stephen Pordes

Logout

Type filter text

Self Service

- Self Service
- Service Catalog
- My Current Requested Items
- My Past Requested Items
- My Current Incidents
- My Past Incidents
- My Current Approvals
- My Past Approvals
- Stock Catalog
- My Stock Catalog Requests
- My Profile
- Service Desk Contact Info
- Service Desk How To

Search

Service Catalog Entries - Accounts

Computing Username & Primary Accounts
For requesting Services Accounts, Kerberos Fermilab Domain Principals, and Fermi Email Accounts

Enterprise Systems Account Request
Access to business applications such as EBS, Kronos Manager Access, etc.

Request Email Account
Apply for an Exchange Email Account (To be used by returning Employees, Contractors & On-Site Visitors)

Request CMS/MINOS/Other Account
For a computing account for working on the CMS/MINOS/MINERvA /NOvA/MicroBooNE/LBNE/Mu2e Cluster

Request FNALU Account
FNALU is Fermilab's central UNIX system

Shared Service Account Request
Form to request a Shared Service Account in the Windows Domain.

Captive Account Request
Form to request a Captive Account in the Windows Domain.

Cryptocard Request
For network connections to UNIX machines in the FNAL.GOV realm from non-Kerberized machines

Additional Kerberos Items
For access to UNIX machines called FNAL.GOV or Windows machines called FERMI.WIN.FNAL.GOV

ServiceNow Assignment Group Membership Modification Request
Request to add or remove a member from a ServiceNow Assignment Group

Shopping Cart
Empty

Put in your name – the Fermilab ID and Email address should come up automatically.
Put in my name - my email should come up automatically - and press Submit

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Fermilab

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- Service Desk How To

Catalog Item - Request FNALU Account

FNALU is Fermilab's central UNIX system
Please do not request a FNALU account unless your supervisor informs you that you need one.

Before you submit the form:

You must read Fermilab's Policy on Computing

After you submit the form:

Copies of this submitted form are sent to your supervisor/spokesperson and the Computing Division for approval and processing. Once your account is ready, you will receive a notification email.

Order this Item

Submit

Requester's Name
Luca Grandi

Fermilab ID
16883V

Email Address
lgrandi@fnal.gov

Office Phone

Supervisor/Spokesperson's Name
Stephen Pordes

Supervisor/Spokesperson's Email Address
stephen@fnal.gov

Briefly describe the type of computing you plan to do on FNALU below
DarkSide-50 analysis ..

Additional Information

The price, as we say, is right.

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Fermilab

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- Service Desk Contact Info
- Service Desk How To

Order Status

Thank you, your request has been submitted

Order Placed: **2013-02-12 17:16:43**

Request Number: **REQ000000147971** Bookmark request

Estimated Delivery Date of Complete Order: **2013-02-15**

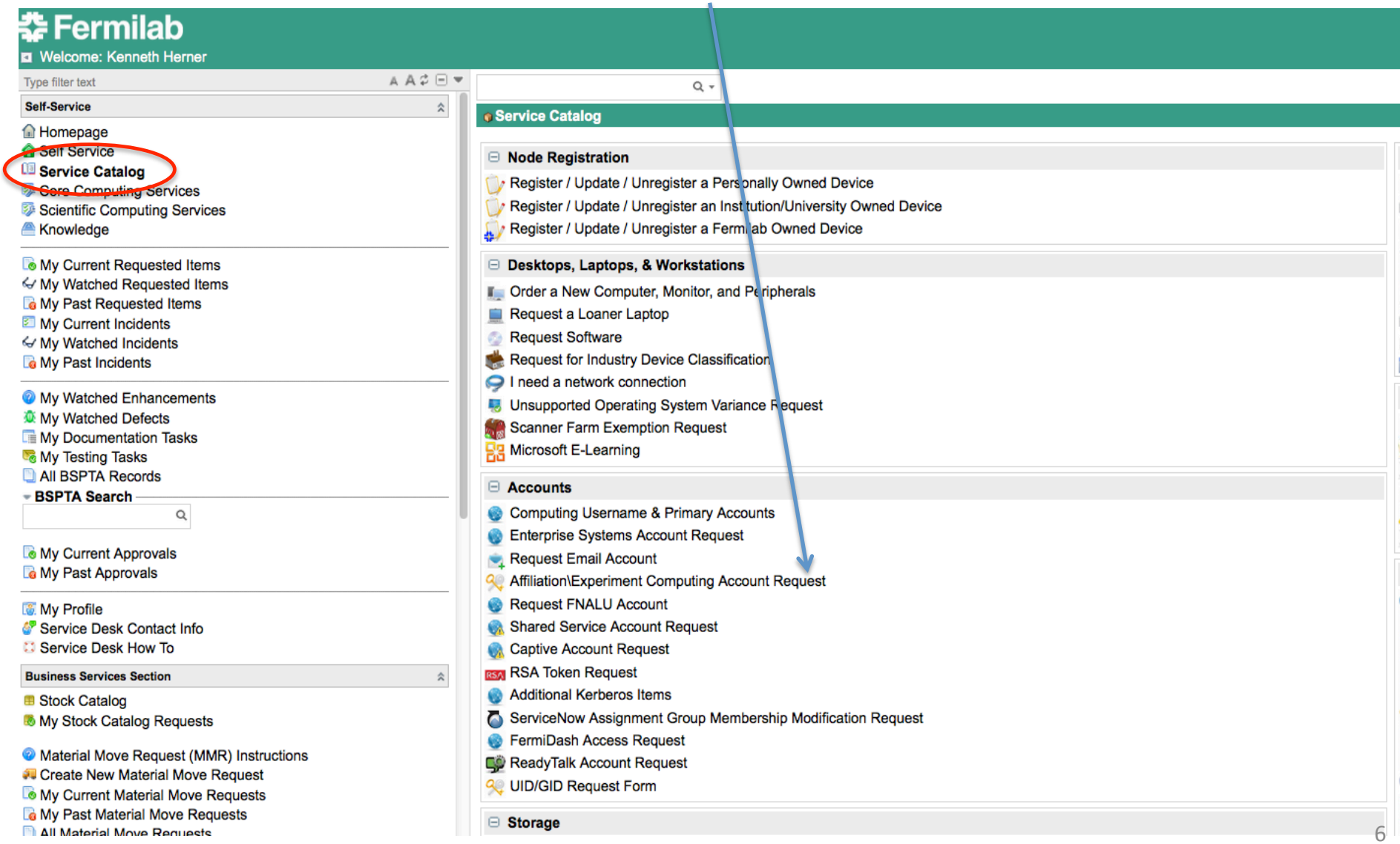
Summary	Delivery Date	Stage	Price (ea.)	Qty	Total
FNALU is Fermilab's central UNIX system	2013-02-15		$0.00	1	$0.00
				Total:	$0.00

Back to Catalog

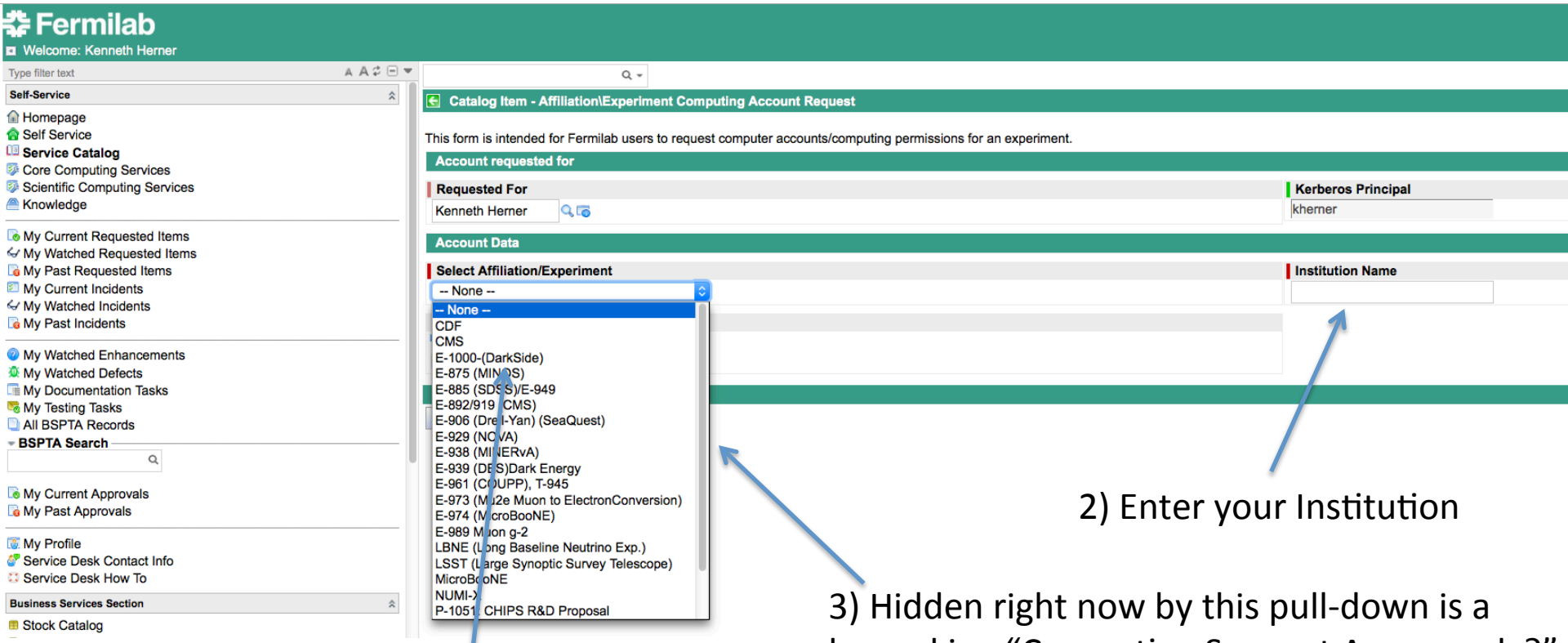
Home

If you already have a FNALU account from another experiment

Choose **Affiliation/Experiment Computing Account Request** from the Service Catalog



If you already have a FNALU account from another experiment



2) Enter your Institution

3) Hidden right now by this pull-down is a box asking “Computing Support Access only?” Leave it as No.

1) Choose E-1000 (DarkSide)

Re Kerberos & ssh:

From Shawn Westerdale:

If you want to get Kerberos working, you should install the latest version of Kerberos on your computer (krb5). The latest version of Kerberos uses a stronger encryption method than what FNAL uses, though, so in order to be able to ssh into the FNAL machines, you have to enable weak encryption. To do so, go to your krb5.conf file (presumably located at /etc/krb5.conf) and under the [libdefaults] section, add the line: allow_weak_crypto = true

From the Fermilab folks:

Currently we support the weakest DES level of encryption and have plans to move to a default of 3DES (not sure when this will happen). We are starting the process to replace the KDCs (new hardware/new OS) and upgrade the KDC software (current release of Heimdal Kerberos probably). When that process completes, we will embark on upgrading to a high encryption level (AES-256 or something). All these changes will be announced as they approach.

Your question about "allow_weak_encryption" is correct. The default Fermilab krb5.conf is shipped with this enabled. See http://security.fnal.gov/cookbook/ under Kerberos for the templates for non-SLF Linux and for Mac OS X (SLF gets krb5.conf via the krb5-fermi-config RPM).

Note that even once we move the default encryption level to a higher level, we will probably continue to (on the KDCs) allow weaker encryption levels due to not being able to control the clients precisely.