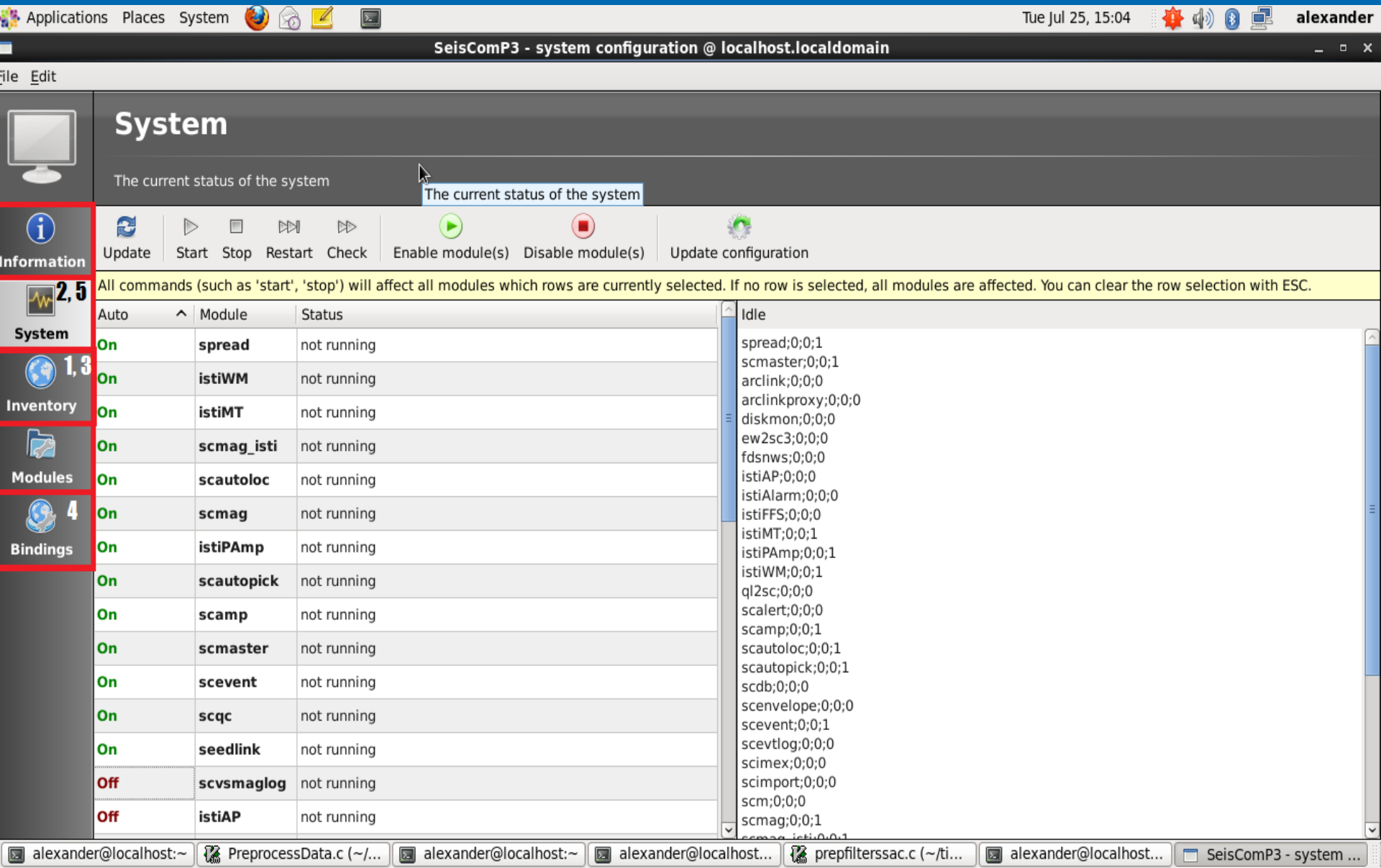
Dataless ingest in SC3
isti

SCConfig Overview

- Scconfig the GUI for all* Seiscomp configuration
- Scconfig is organized into the following sections:
  - Information
  - System: SC3 application en-/disabling, status
  - Inventory: used to import/export and view stream configuration data
  - Modules: per application configurations
  - Bindings: Network/Station configurations

scconfig

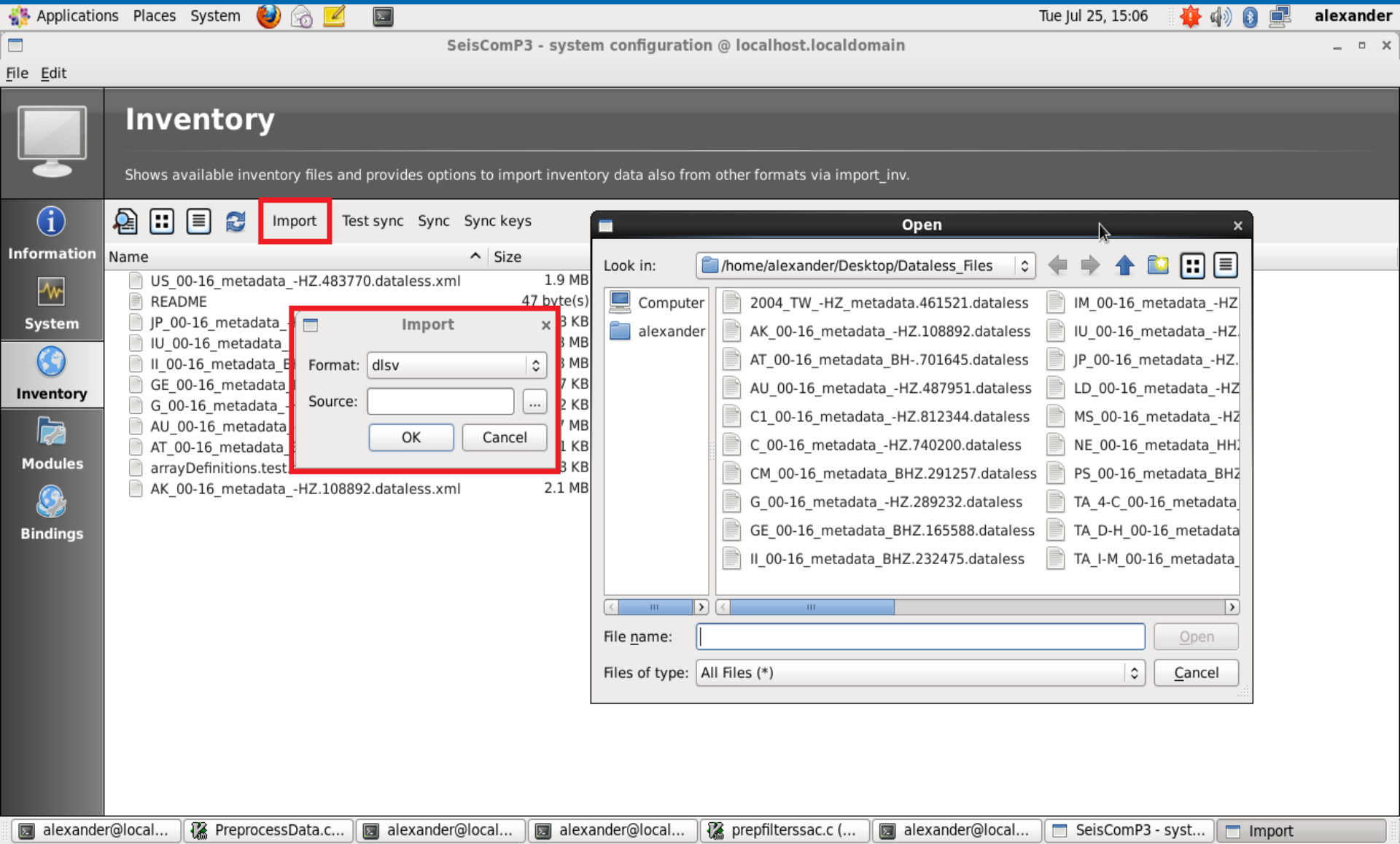

Applications Places System
Tue Jul 25, 15:04
alexander
SeisComP3 - system configuration @ localhost.localdomain
File Edit
System
The current status of the system
The current status of the system
Information
2, 5
System
1, 3
Inventory
Modules
4
Bindings
Update
Start
Stop
Restart
Check
Enable module(s)
Disable module(s)
Update configuration
All commands (such as 'start', 'stop') will affect all modules which rows are currently selected. If no row is selected, all modules are affected. You can clear the row selection with ESC.
Auto
Module
Status
On spread not running
On istiWM not running
On istiMT not running
On scmag_isti not running
On scautoloc not running
On scmag not running
On istiPAmp not running
On scautopick not running
On scamp not running
On scmaster not running
On scevent not running
On scqc not running
On seedlink not running
Off scvsmaglog not running
Off istiAP not running
Idle
spread;0;0;1
scmaster;0;0;1
arclink;0;0;0
arclinkproxy;0;0;0
diskmon;0;0;0
ew2sc3;0;0;0
fdsnws;0;0;0
istiAP;0;0;0
istiAlarm;0;0;0
istiFFS;0;0;0
istiMT;0;0;1
istiPAmp;0;0;1
istiWM;0;0;1
ql2sc;0;0;0
scalert;0;0;0
scamp;0;0;1
scautoloc;0;0;1
scautopick;0;0;1
scdb;0;0;0
scenvelope;0;0;0
scevent;0;0;1
scevtlog;0;0;0
scimex;0;0;0
scimport;0;0;0
scm;0;0;0
scmag;0;0;1
alexander@localhost:~
PreprocessData.c (~/...
alexander@localhost:~
alexander@localhost...
prepfilterssac.c (~/ti...
alexander@localhost...
SeisComP3 - system ...

Workflow

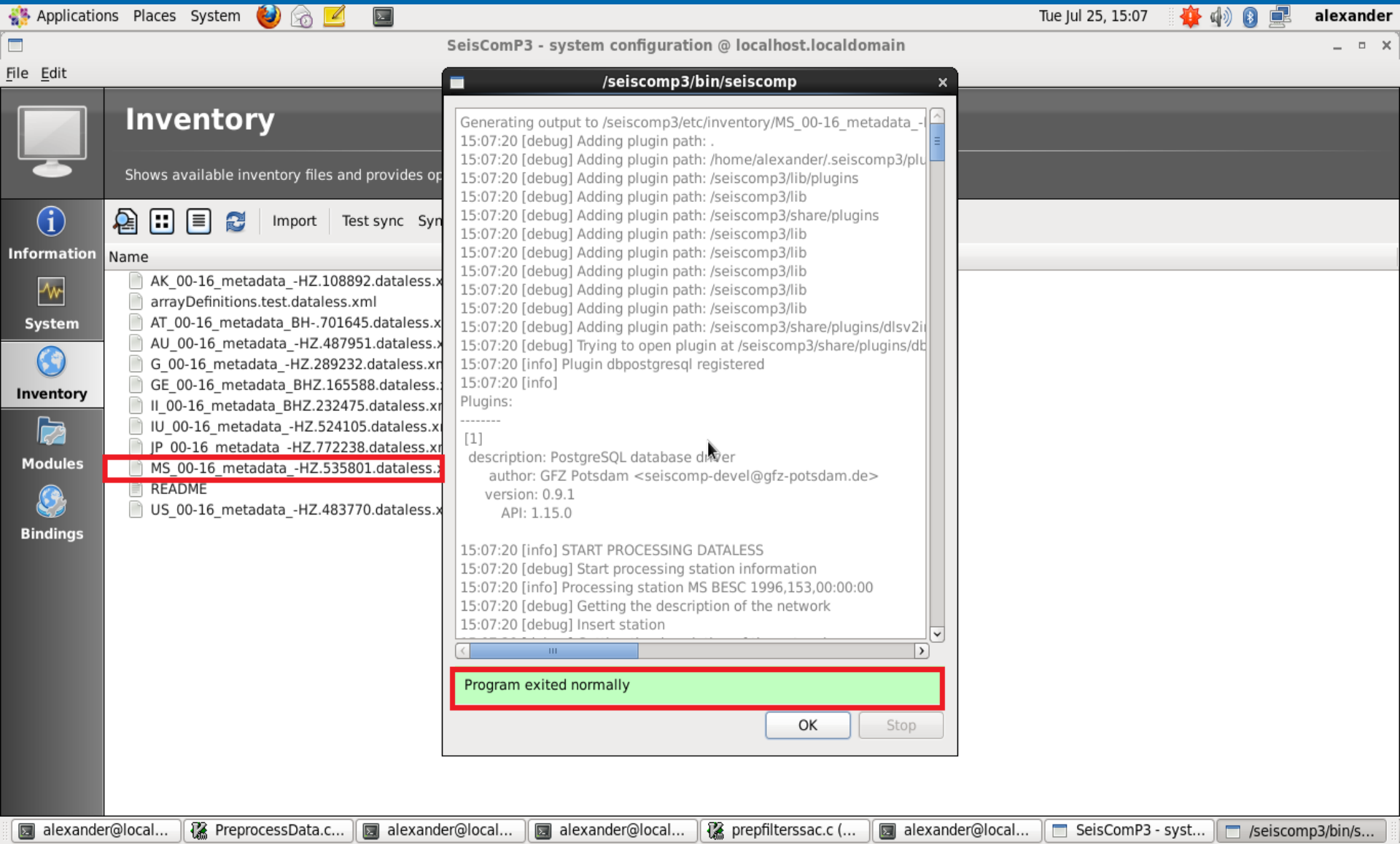
1. Import metadata

   Best practice: limit import to one or two network files
2. Save and update database. Repeat step 1 as necessary
3. Sync keys
4. Finish updating station ‘keys’/bindings
5. Save again and update the database

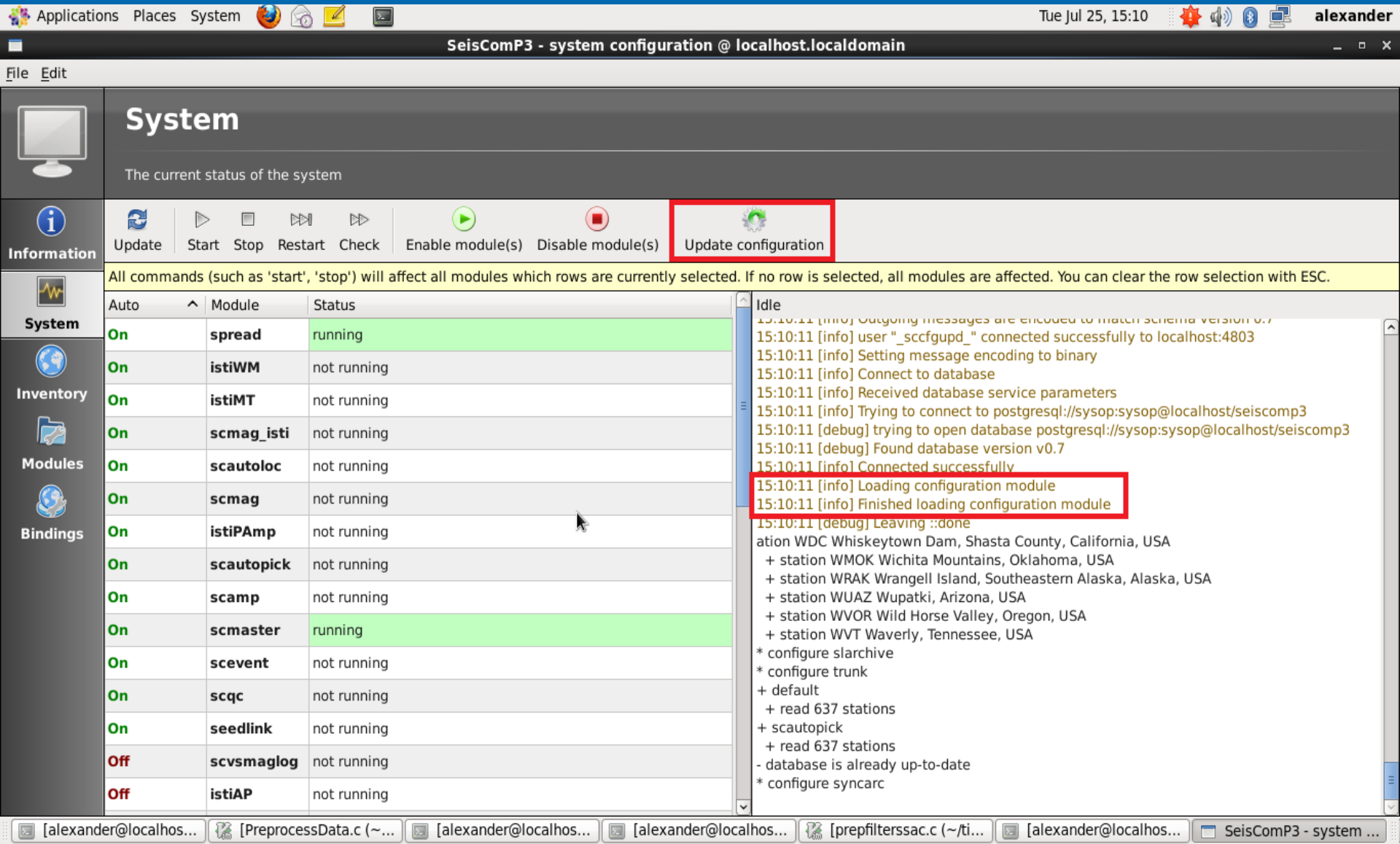
Inventory: selecting dataless source



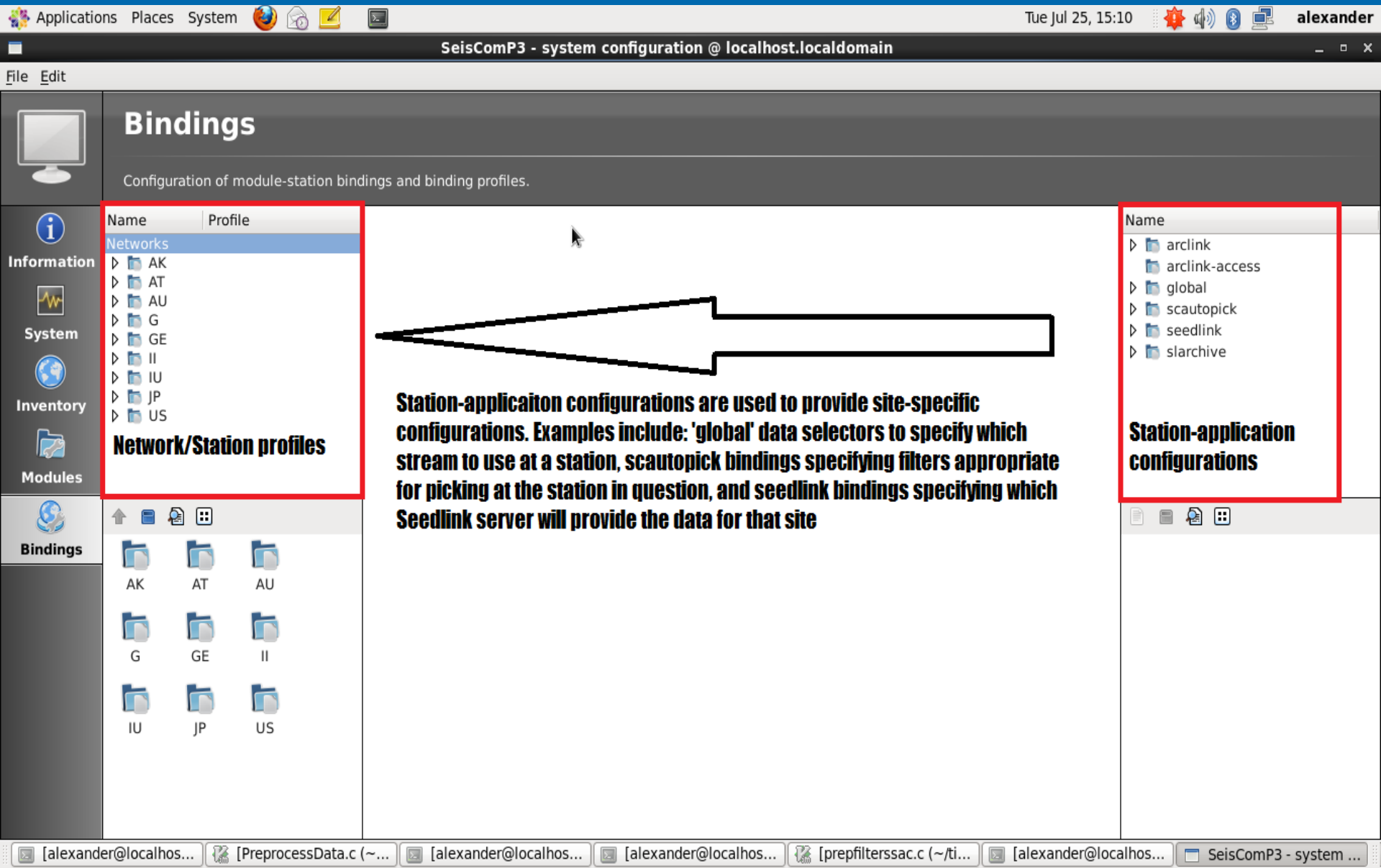
Dataless import: success!



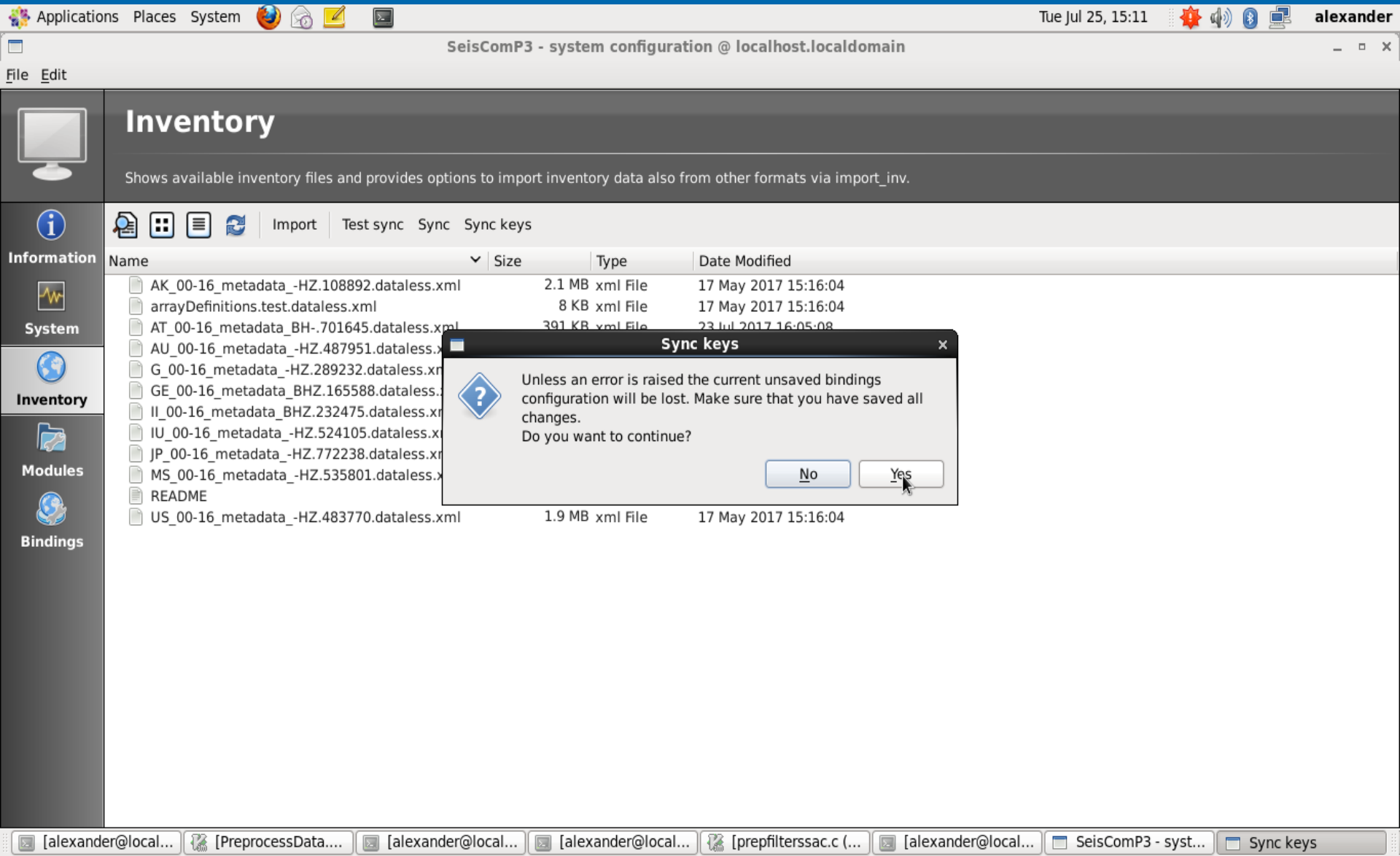
Updating the database: round 1



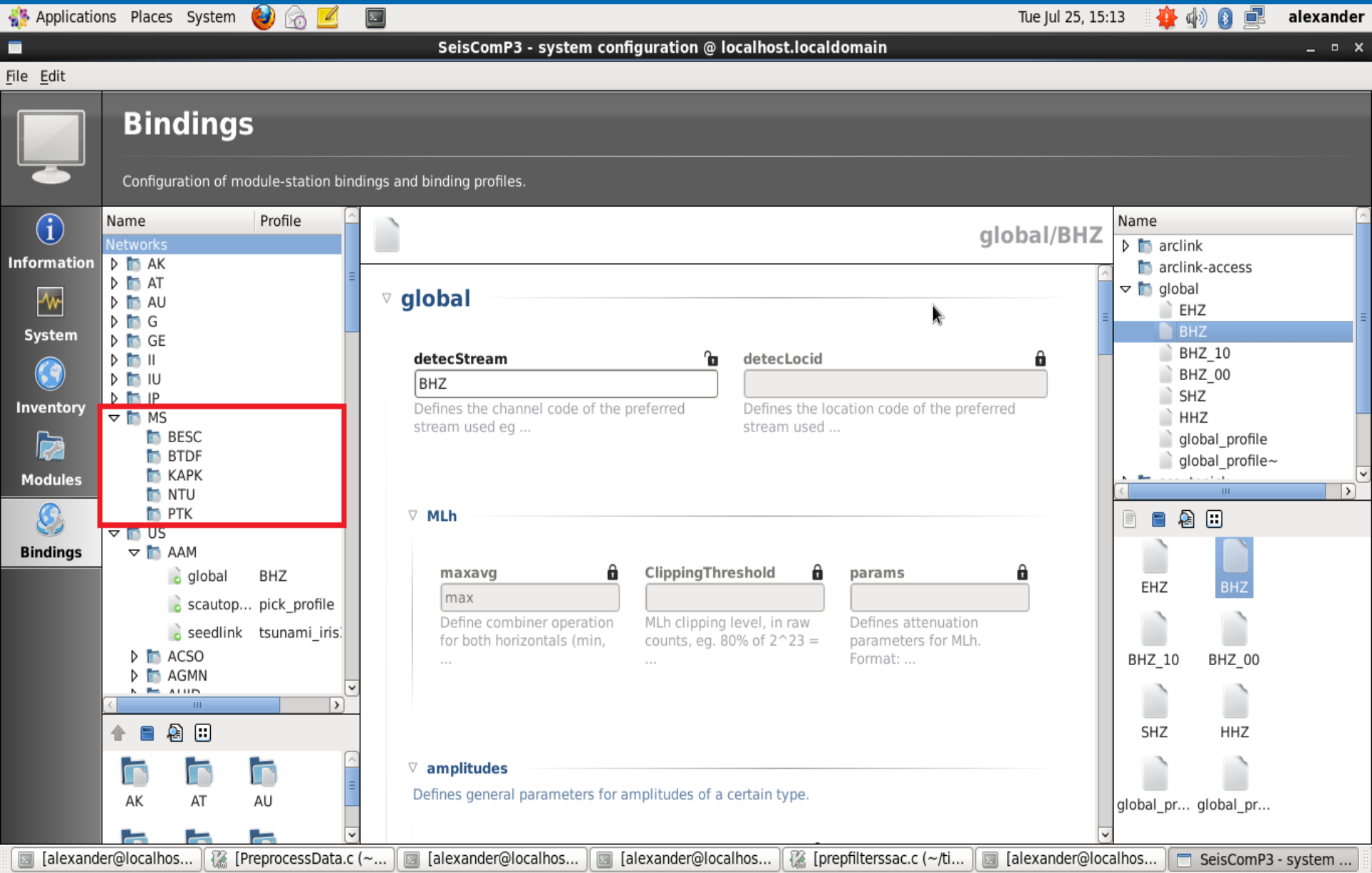
Station bindings: an intro



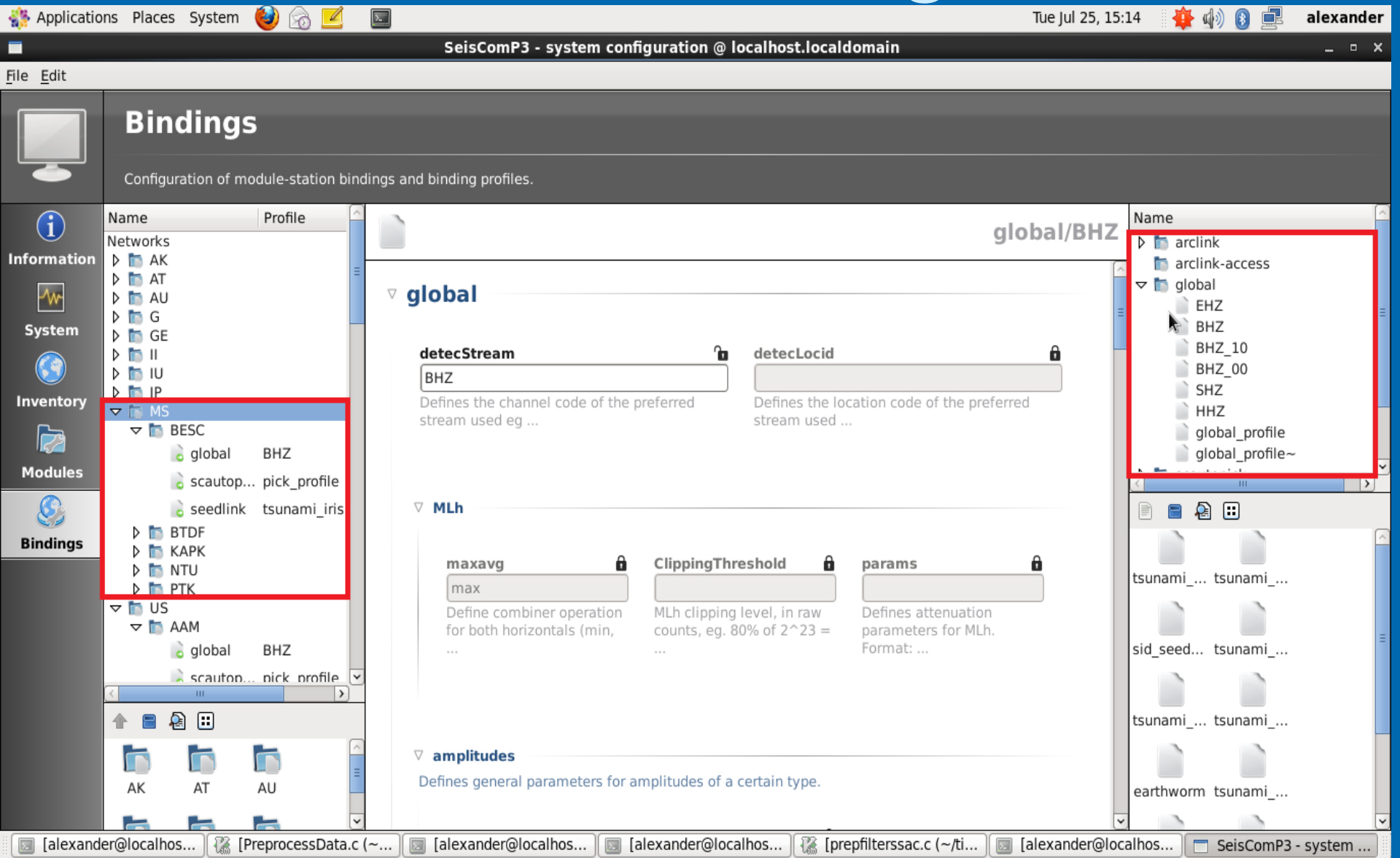
Syncing keys



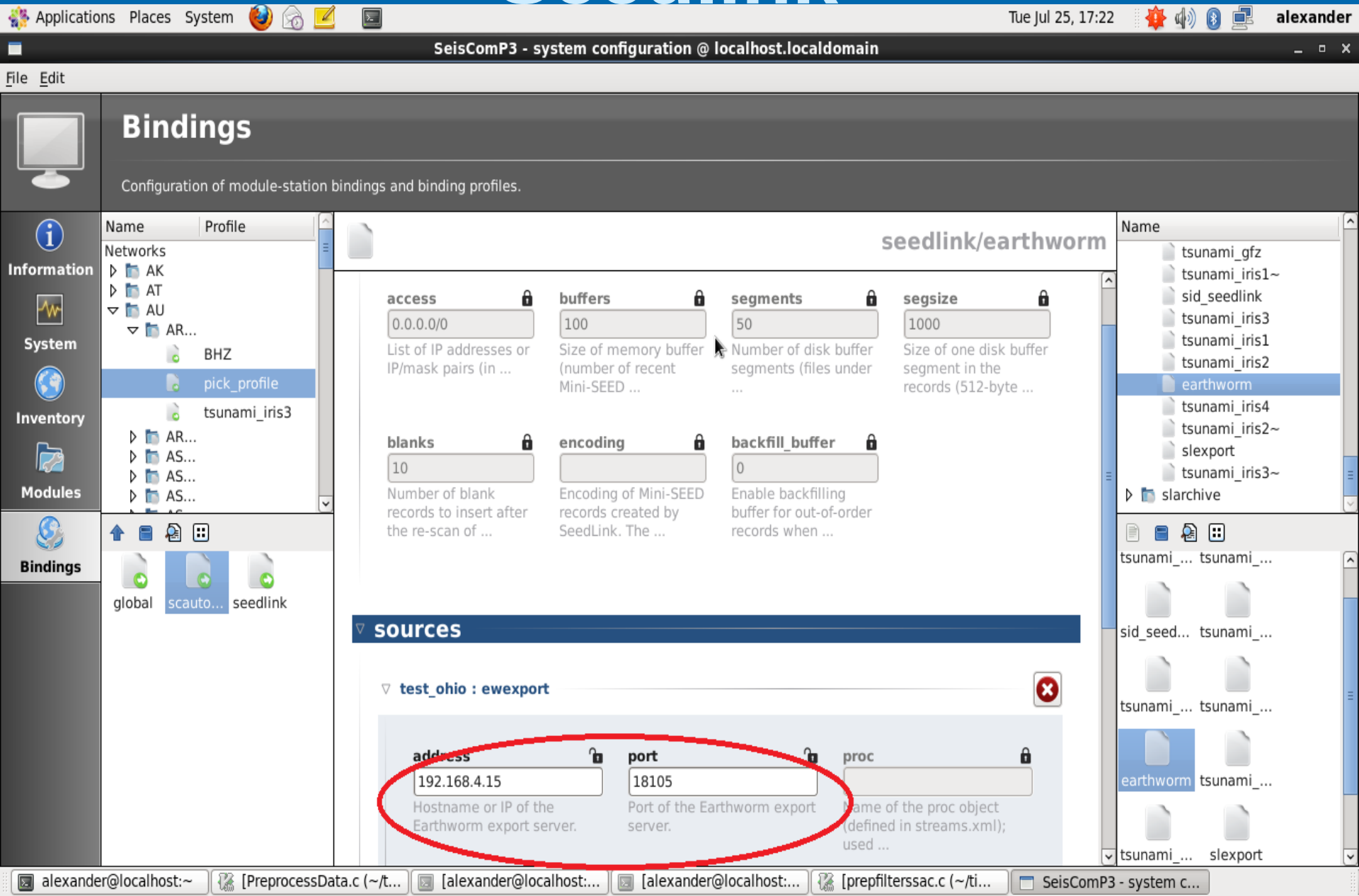
New network added



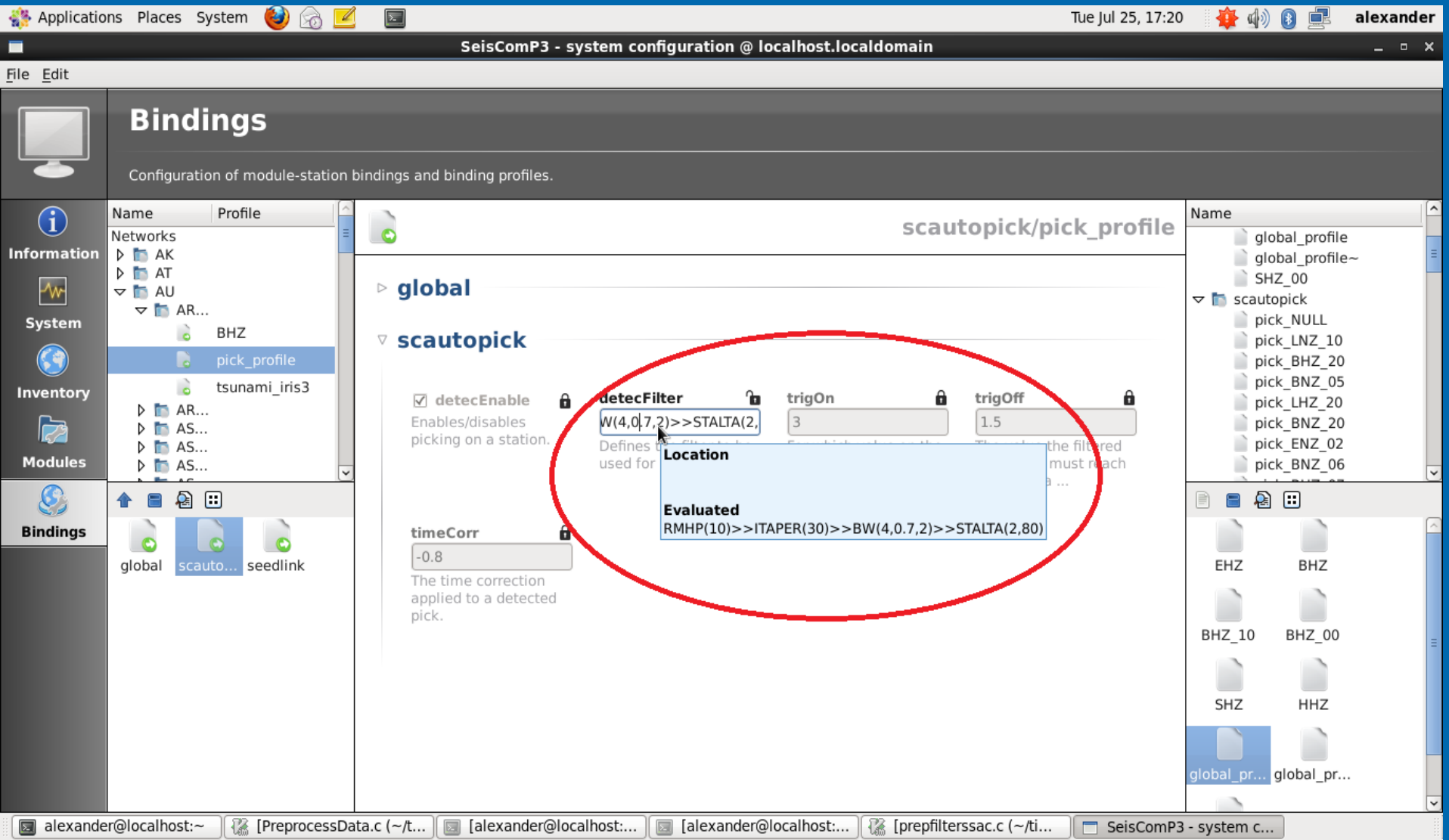
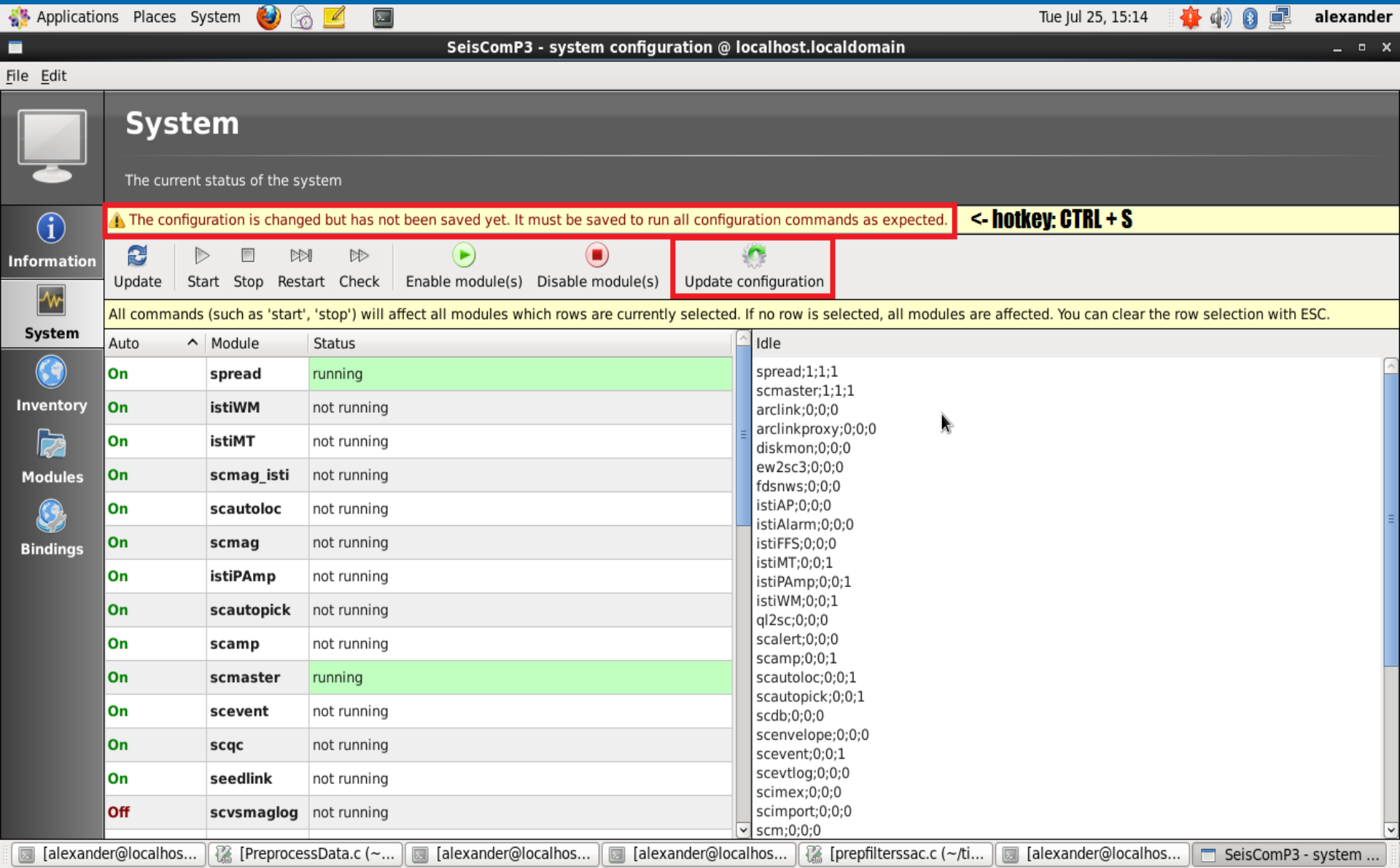
Post-network configuration:



Seedlink


Applications Places System
Tue Jul 25, 17:22
alexander
SeisComP3 - system configuration @ localhost.localdomain
File Edit
Bindings
Configuration of module-station bindings and binding profiles.
Information
System
Inventory
Modules
Bindings
Name
Profile
Networks
AK
AT
AU
AR...
BHZ
pick_profile
tsunami_iris3
AR...
AS...
AS...
AS...
global
scauto...
seedlink
seedlink/earthworm
access
0.0.0.0/0
List of IP addresses or IP/mask pairs (in ...
buffers
100
Size of memory buffer (number of recent Mini-SEED ...
segments
50
Number of disk buffer segments (files under ...
segsize
1000
Size of one disk buffer segment in the records (512-byte ...
blanks
10
Number of blank records to insert after the re-scan of ...
encoding
Encoding of Mini-SEED records created by SeedLink. The ...
backfill_buffer
0
Enable backfilling buffer for out-of-order records when ...
sources
test_ohio : ewexport
address
192.168.4.15
Hostname or IP of the Earthworm export server.
port
18105
Port of the Earthworm export server.
proc
Name of the proc object (defined in streams.xml); used ...
Name
tsunami_gfz
tsunami_iris1~
sid_seedlink
tsunami_iris3
tsunami_iris1
tsunami_iris2
earthworm
tsunami_iris4
tsunami_iris2~
slexport
tsunami_iris3~
slarchive
tsunami_...
sid_seed...
earthworm
slexport
alexander@localhost:~
[PreprocessData.c (~/t...
[alexander@localhost:...
[alexander@localhost:...
[prepfilterssac.c (~/ti...
SeisComP3 - system c...

Pick Profile



Final update