# reassure

A Contained Environment for Testing the Impact of Potentially Malicious Code

Welcome to the ReAssure Testbed

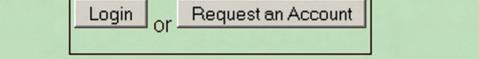
Project home page

nave read	and agree	to abide	by the	Policies	and Terms

The experiment manager is running

Log into a personalized account

Purpose: The main goal of this project is to construct a reconfigurable facility for efficient, reproducible, controlled and safely contained



	Top Menu		
Experiments	Files	Logs	User
<u>List your experiments</u> <u>Create an experiment</u> <u>Change password for experimental PCs</u>	<u>List your files</u> <u>Upload files</u> <u>Search for files</u> Operating Systems	My long	<u>Change your password</u> <u>Update your information</u> <u>Delete your account</u>

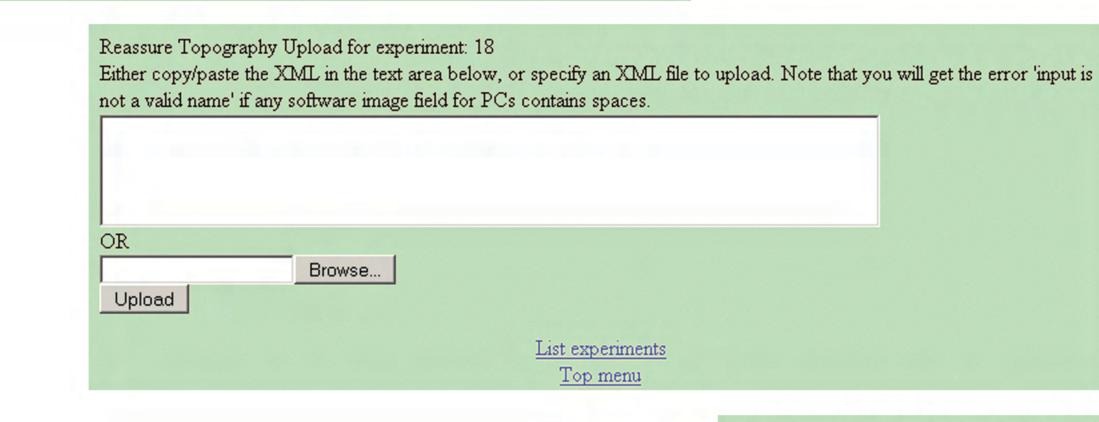
of Use

Select from different options based on your user role

### View authorization failures and the status of both the PCs and the switch

Authentication failures:							
User	Time	IP Address					
unknown	2006-01-06 13:55:33	128.10.242.50					
unknown	2006-01-06 14:02:10	128.10.242.50					
unknown	2006-01-06 14:08:26	128.10.242.50					
hitz	2006-01-09 17:46:51	128.10.242.192					
hitz	2006-01-09 17:47:54	128.10.242.192					
Oedipus	2006-01-10 15:48:08	128.10.242.151					
test3	2006-01-11 14:39:15	128.10.243.20					
test2	2006-01-11 14:39:26	128.10.243.20					
forrest	2006-01-11 14:39:38	128.10.243.20					
test2	2006-01-11 14:41:53	128.10.251.51					

Administrative	Experiments	Files	Logs	User
User Administration View blocked IP addresses View authentication failures Search logs Experimental switch status Experiments statuses Switch Cron Manage PCs	List your experiments Create an experiment Change password for experimental PCs	<u>List your files</u> <u>Upload files</u> <u>Search for files</u> <u>Operating</u> <u>Systems</u>	<u>My</u> logs	<u>Change your</u> <u>password</u> <u>Update your</u> <u>information</u> <u>Delete your account</u>



Upload your own topographies

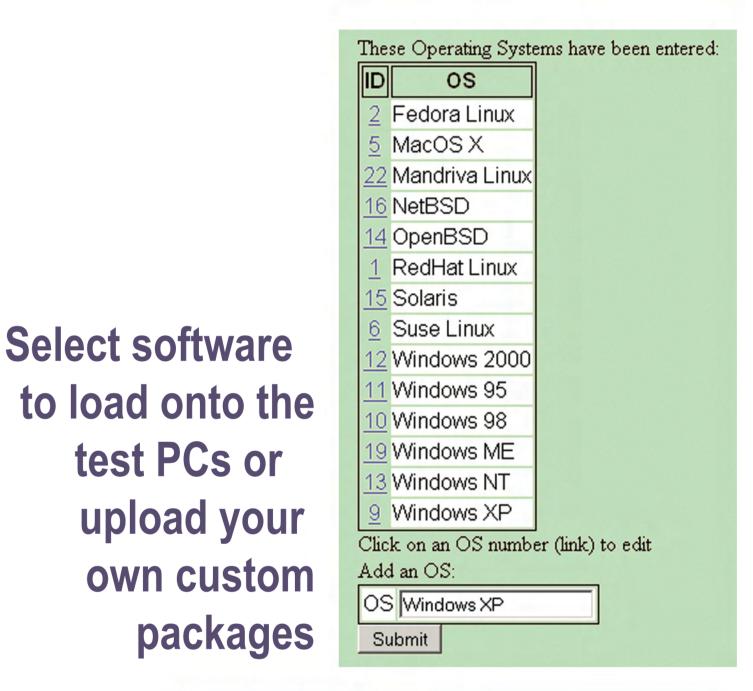
or preview and choose

from a list of shared

ones

## experiments in computer science and technology.

Users can create experiment setups using our java client, upload them to our PostgreSQL database, reserve a time to run them with our Ruby generated web pages, and then are given full control of the host operating system for the duration of their experiment.



#### test 2006-01-11 14:43:00 128.10.243.20

Stat	tus of PCs: No. NICs	Status	Here's how the l	PCs a	re connected to the switch:
1		free 🔻	PC number	NIC	Connected to switch interface#
2		free -	3	1	1
3	1	free -	4	1	2
4	1	free -	12	1	14
14	3	down 💌	12 13	2	15 16

User name	Admin	User	Validated	Unvalidated	No privileges	email address	Delete user	
test2	O	0	0	0	0	pmeunier@basm.cerias.purdue.edu		
test3	0	C	0	0	0	forrest@cerias.purdue.edu		
test4	O	0	0	0	0	forrest@cerias.purdue.edu		
test	0	C	0	0	0	forrest@cerias.purdue.edu		Set
Oedipus	0	C	0	0	0	ecates@cerias.purdue.edu		UCI
tuser	©	0	0	0	0	dtanders@cs.purdue.edu		user
amanda	o	0	0	0	0	aldenton@cerias.purdue.edu		
Submit Q	uery R	eset	-	T	op menu			privilege

Results:						
User	Log ID	Time	Severity	Script	Reassure Log Severity	g Search none
test2	751	2005-10-26 10:40:05	normal event record	/cgi-bin/devels/pascal/Admin/admin_users_action.rb	Experiment From	t 0 2006-0
test2	752	2005-10-26 10:41:02	normal event record	/cgi-bin/devels/pascal/Admin/admin_users_action.rb	То	2006-0
test2	754	2005-10-26 10:43:28	normal event record	/cgi-bin/devels/pascal/Admin/admin_users_action.rb	User PC	0
test2	755	2005-10-26 10:43:38	normal event record	/cgi-bin/devels/pascal/Admin/admin_users_action.rb	Submit Quer	ry

everity none 
xperiment 0
rom 2006-02-2013:36:15
0 2006-02-2113:36:15
Ser 
C 0
Submit Query

Search the logs for a variety of events across user specified time intervals

Tag	Name	Description	Preview
<u>maptest.xml</u>	maptest.xml	none	
maptest2.xml	maptest2.xm	Inone	

Click on an topography tag (link) to preview that topography

32 YangTest5 test create

# View a list of your experiments

# Reserve a time to run your experiments

Experiments to s no results	006-02-21 13:4 tart:	42:22				
Experiments run	ning:					
Reservation		Scheduled Start time	Started	Scheduled Stop time	Stopped	Status
<u>70</u>	33	2006-02-21 13:40:12	2006-02-21 13:41:03	2999-01-01 01:01:00	1970-01-01 01:01:00	started
Experiments to s 10 results All Reservations						
		Ocheckeled		<u> </u>		
Reservation	Experiment	Scheduled Start time	Started	Scheduled Stop time	Stopped	Status

<u>Top menu</u>

## Poster Authors: Michael Yang - Amanda Denton Primary Investigators: Pascal Meunier - Jan Vitek Additional Developers: Forrest Fleming - Drew Anderson

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