

MTU LUG General Meeting

October 14th, 2014

Meeting Agenda

- Server Status
- Logstash! :: lug.mtu.edu/kibana/
- Future Presentations

MTU LUG Services

We Provide:

- User Knowledge Base (Wiki)
- Public SSH Server
- Internet Chat Relay (IRC)
- Project VM Hosting
- Mirrors, Mirrors, and More Mirrors

Osiris

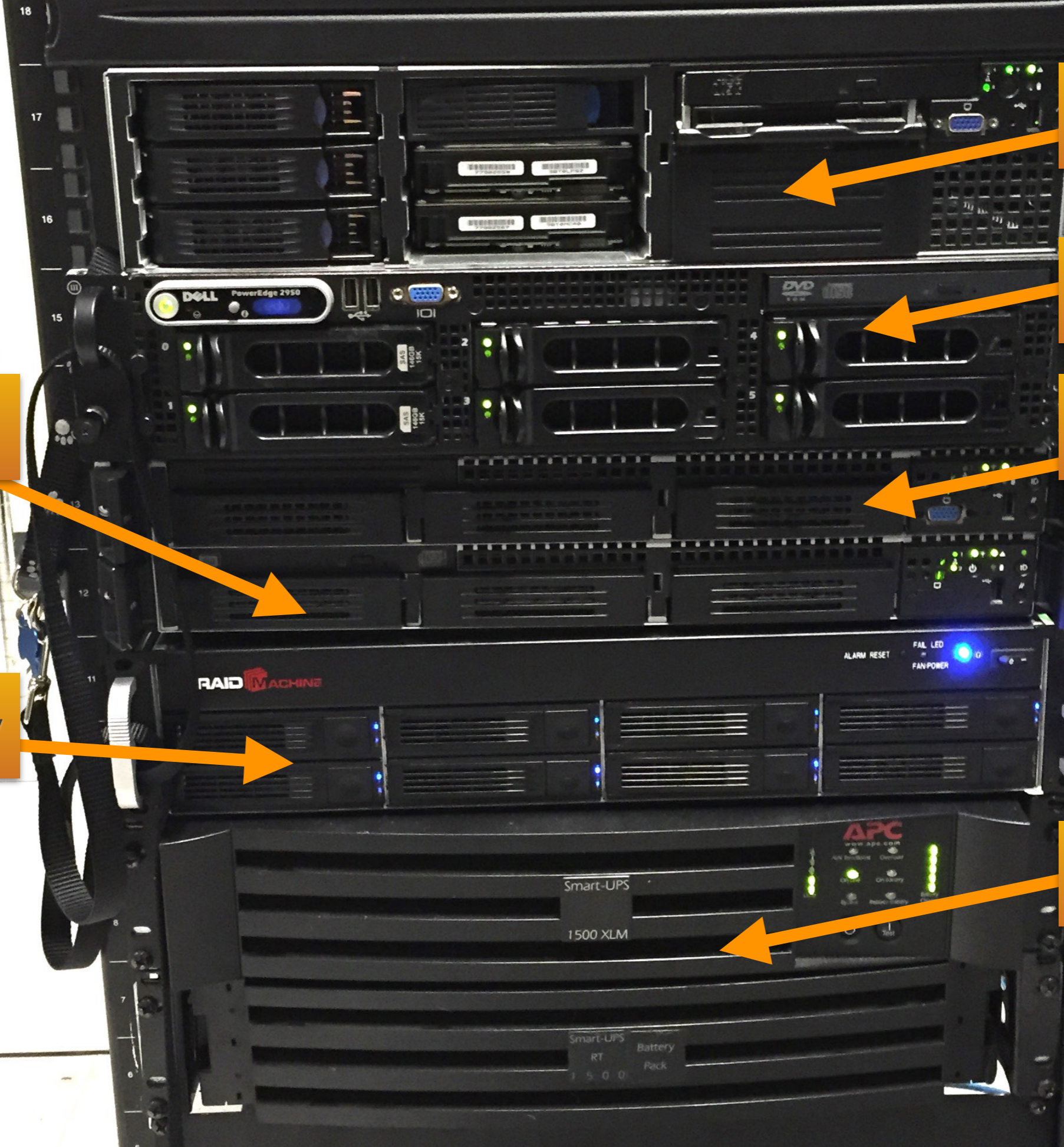
Trillian

Archive

Zaphod

RAID Array

UPS



Wiki :: lug.mtu.edu/wiki/

- All past and current members can get accounts
- Collection of random knowledge

SSH Server :: ssh.lug.mtu.edu

- Available to all past and current members
- User website @ shell.lug.mtu.edu/~username
- Great for hosting userspace services
- Software requests

IRC :: irc://lug.mtu.edu

- USLUG Network (uslug.org)
- 3 node setup (NMU, MTU, & USLUG)
- Many Alumni chill in #mtu
- Great for quick answers

VM Hosting :: trillian.lug.mtu.edu

- Any member can request a virtual machine
- Only privately accessible via SSH Server
- Good for project testing
- Free

Mirrors! :: lug.mtu.edu

- Most heavily used service
- Mirrors 14 Distributions
- Accessed 200-1000+ per minute
- 100Mb/s download & upload

How We Mirror

- **Rsync**
 - a file synchronization and file transfer program for Unix-like systems that minimizes network data transfer by using a form of delta encoding called the rsync algorithm.
- **We mirror from ‘upstream’**
- **Served out via HTTP, FTP, and RSYNC**

Why are mirrors important?

- Public, free advertising for Michigan Tech (and LUG)
- Our way of giving back to the community
- Auto-redirects from most of the distributions

Questions?