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## Remastersys, Asterisk on Raspberry Pi, BoFs



# October Meeting: Remastersys, Asterisk on Raspberry Pi, BoFs

Date: October 3, 2013 at 7 p.m.

Location: [Shopify Headquarters](#)

This month we will have a short talk on using remastersys for creating a system recovery DVD from your running system, a longer talk on using a Raspberry Pi as a home or small business PBX (a couple of other platform will be mentioned as well), and a GPG Key Signing as one of the BoF topics.

In addition to the regular meeting, we have a one hour pre-meeting item from 6:00 to 7:00 for people who are new to Linux, have general questions, or wish to help out with people who are just getting started.



## My Experiences with Remastersys

Speaker: [John C. Nash](#)

John Nash will be giving a talk on his experiences with a useful project called remastersys. In this talk he will discuss what he used it for and the issues associated with the maintainability of projects.

## About the Speaker

Retired Professor of Management at U of Ottawa.

- 2006 - May - Pres. of OCLUG - Now I'll have to learn more about Linux!
- 2007 - Mar - have learned a lot, including how much still to learn.



## Asterisk on Raspberry Pi

Speaker: [Scott Murphy](#)

An overview of using Asterisk on a Raspberry Pi as a home phone system or for a small business environment. The platform is actually quite capable and is offered as a commercial solution by a number of vendors. Save a few dollars and see how simple it is to get started and run your own system. If time permits and I have my test environment available, I'll do a live demo. No guarantees that we can make outside calls, but you never know.

### About the Speaker

Scott has been haunting server rooms and using/administrating Unix and Unix like systems for more than 30 years now. His background includes IT infrastructure, system administration, deployments and migrations, security and management. He is currently working as a consultant for the federal government.



## GPG Key Signing BoF

Speaker: [Scott Murphy](#)

Scott Murphy will be hosting the BoF. If you have questions, comments, etc. bring them up at the BoF. We can have a short discussion prior to performing the associated key exchanges.

Sometimes it is difficult to find a bunch of people to exchange keys with, so this is an opportunity for people who wish to get their PGP/GPG keys signed by other members of the community to do so in a relaxed atmosphere.

Things you will need:

- A GPG key to exchange
- Copies of your key in GPG fingerprint format
- A valid government issued ID to prove who you are to people who may not know you

You can generate the fingerprint with the gpg program, `gpg --fingerprint show fingerprint`

Like this:

```
$ gpg --fingerprint 4B7DA0B2 show fingerprint
pub 2048R/4B7DA0B2 2012-10-04 [expires: 2017-10-03]
```

```
Key fingerprint = ED82 B038 8C5C 4A9B 123E CF3D 6D59 7F18 4B7D A0B2
uid          Scott Murphy (New Key to replace C52FF996)
<scott.murphy@arrow-eye.com>
uid          Scott Murphy <scott5@ovsage.org>
sub 2048R/1FDA3F32 2012-10-04 [expires: 2017-10-03]
$
```

Ideally, you should bring small pieces of paper with your name and pgp key fingerprint on them to hand out to people. You can include a small “verified” checkbox that someone can mark if they choose to check identification. Personally, I just use a check mark.

Method:

- Generate your fingerprint and paste it into a file
- Copy and paste until you have filled a sheet of paper
- Cut into strips to hand out.
- Repeat as necessary if you need more

As an example, mine would look like this if I was just exchanging a single key:

```
4B7DA0B2 - ED82 B038 8C5C 4A9B 123E CF3D 6D59 7F18 4B7D A0B2 -
scott.murphy@arrow-eye.com
4B7DA0B2 - ED82 B038 8C5C 4A9B 123E CF3D 6D59 7F18 4B7D A0B2 -
scott.murphy@arrow-eye.com
4B7DA0B2 - ED82 B038 8C5C 4A9B 123E CF3D 6D59 7F18 4B7D A0B2 -
scott.murphy@arrow-eye.com
etc.
```

## About the Speaker

Scott has been haunting server rooms and using/administrating Unix and Unix like systems for more than 30 years now. His background includes IT infrastructure, system administration, deployments and migrations, security and management. He is currently working as a consultant for the federal government.

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