

Open Technologies and Developing Economies

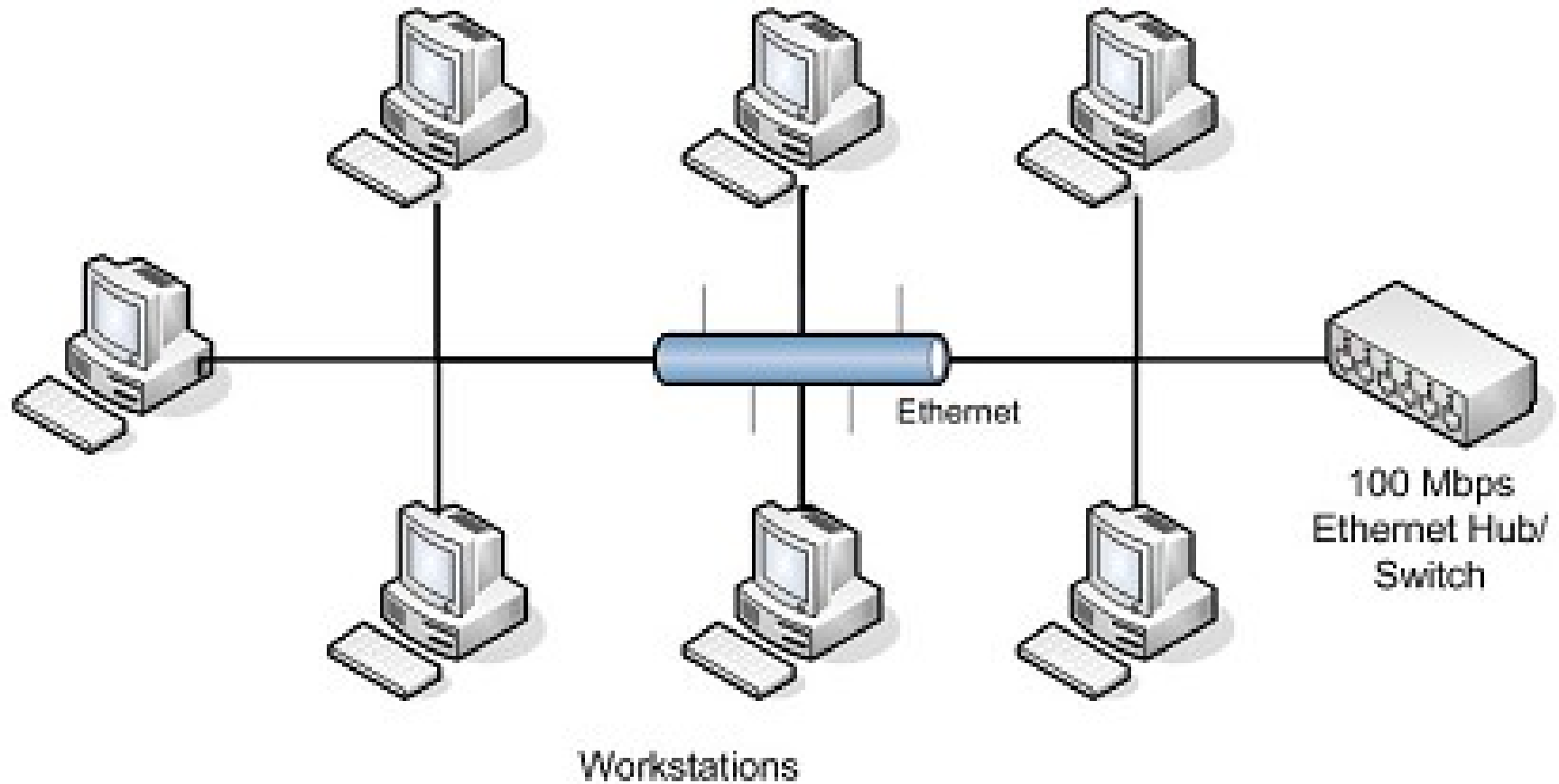


Bibek Paudel
Jitendra Harlalka
Jwalanta Shrestha

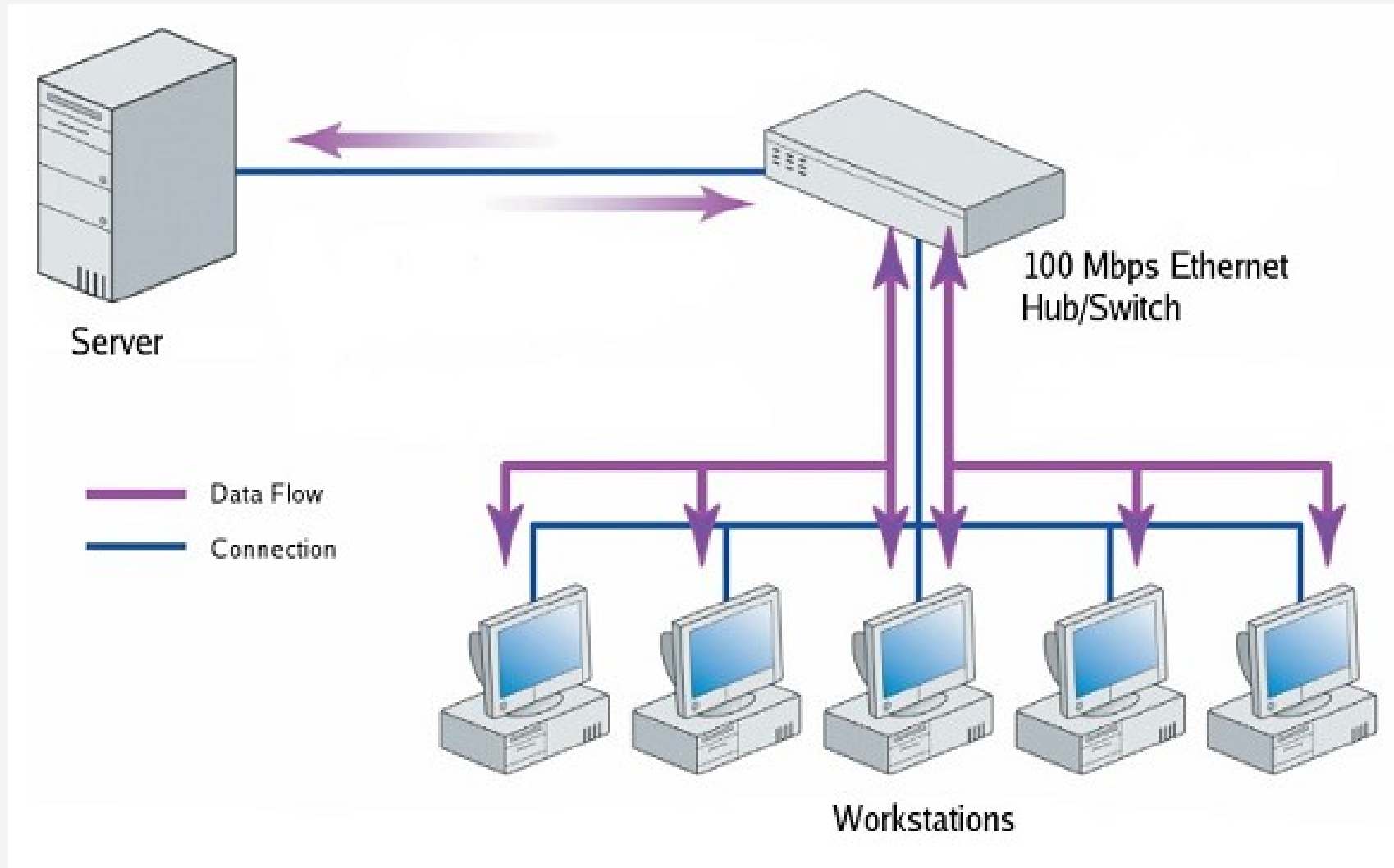
Help Nepal Network eLibraries

Linux based, low cost, low maintenance

Traditional Lab



LTSP based eLibrary



Standard Lab: 300K

10 computers * 30K = 300K

LTSP Lab: 30K to 130K

1 server (+ 10 clients * 10K) = 30K to 130K

Community Support

Low maintenance, localization, free software



Cost

Cost determines almost everything in
developing economy

TCO myth

Total Cost of Ownership (TCO) model in developing countries is different

Interoperability

To avoid Vendor Lock

Vendor Lock

Proprietary tech locks out better choices on the long run

Independence

at least government should not depend on
some international software company

Localization

Takes IT to grass-root people

Haiti Earthquake

Sahana Disaster Management Software



Date: Wed, 13 Jan 2010 11:46:29 -0500
From: Mark Prutsalis <mark@sahanafoundation.org>
To: Sahana developers' list <sahana-maindev@lists.sourceforge.net>,
sahana-user@lists.sourceforge.net, board
<board@sahanafoundation.org>,
pmc <pmc@sahana.lk>

As you all have heard, yesterday, a massive earthquake struck the poor country of Haiti near its capital of Port-au-Prince.

We are going to be supporting a hosted instance of Sahana and possibly deploying to support some of the search and rescue teams to track missing and found persons, the deceased and the survivors.

If you are willing to volunteer to support these efforts, by coding, configuring, administering, entering data, translating, localizing, updating our Haiti Earthquake wiki page, etc., please join the Haiti quake team we've set up on Launchpad at <https://launchpad.net/~sahana-haiti>

There is lots to be done....

Thanks and best regards,
Mark

Community

Translation, 24/7 IRC Support, collaboration

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[08:55] -ChanServ- [#sahana] Welcome to the Sahana community! Sahana is an open source disaster
management software which is developed and guided by a large community of people
from around the world, with diverse expertise. We have created this IRC channel to
help you get up to speed on Sahana and start contributing quickly and effectively
in collaboration with the rest of the community.
[08:55] * #sahana :www.sahana.lk
[08:55] * djazayeri has quit (Read error: 110 (Connection timed out))
[08:56] timClicks SkramX: yes, we've just completed adding in hospitals, i think
[08:56] * sm tackles the Medical Center at V25
[08:56] timClicks parallaxuniverse: 20 secs
[08:56] parallaxuniverse np.
[08:56] SkramX I'm about to go to bed but I'll be at a CrisisCamp tomorrow - where do we go to get
data entry projects?
[08:56] bitner SkramX, swing by here
[08:57] SkramX okay, will do (if there isn't other work already assigned)
[08:57] SkramX oh, any API for the missing persons resources?
[08:58] bitner SkramX: right now missing persons are being centralized at a google apps application
[08:58] timClicks SkramX: https://bugs.launchpad.net/sahana/haiti-quake-2010
[08:58] sigabrt Title: Bugs in Sahana haiti-quake-2010 series (at bugs.launchpad.net)
[08:58] timClicks parallaxuniverse: you're good to go
[08:58] bitner can find link for you in a sec
[08:58] SkramX bitner: haitiquake.com ?
[08:58] * parallaxuniverse is now known as sharon
[08:59] bitner no haitianquake.com is not taking records anymore
[08:59] SkramX oh okay
[08:59] bitner http://haiticrisis.appspot.com/
[08:59] sigabrt Title: Google Crisis Response: Haiti Earthquake (at haiticrisis.appspot.com)
[09:00] bitner they should be providing all data in pfiif exchange format at some point in time for
collaboration with other tools
[09:00] SkramX oh so google made that and are they administering it?
[09:00] sharon Cool. From the pdf link sent out am I scrapping hospital info specifically? Is that
being placed under organizations?
[09:00] bitner SkramX yes
[09:01] timClicks sharon: look for the org at the very bottom
[09:01] timClicks sharon: of the dropdown
[09:01] SkramX it's not.. open :-\ except for web scraping, bitner?
[09:01] timClicks should be "Hospitals & Medical Centers"
[09:01] bitner SkramX: not sure they have export done yet
[09:01] * timClicks is now known as timClicks_afk
[09:01] bitner they have committed to making available though
[09:01] SkramX OK. Maybe there will be RESTful fun when I wake up. Thanks for the info
[09:02] sharon sorry, phone call just came in. be back in 10.
[09:02] * timClicks_afk is now known as timClicks
[09:02] timClicks: should we still be entering hospitals as offices or just locations?
[09:03] mikejs I've been adding locations (feature class: hospital, marker: hospital) at
http://haiti.sahanafoundation.org/orgs/gis/location but not making separate office
records
[09:03] sigabrt Title: List Locations (at haiti.sahanafoundation.org)
[09:04] mprutsalis mikejs: as long as we can serve it up as data in a kml or georss... timclicks?
[09:04] mprutsalis bitner?
[09:04] bitner hey hey
[09:05] timClicks http://haiti.sahanafoundation.org/orgs/gis/location.georss
[09:05] sigabrt Title: SahanaPy GIS FeaturesToussaint Louverture International AirportMedical
University at TabarreHospital Di Canape VertHospital Universitario De HaitiMedical
Center near Rue du Docteur DehouxSte Croix HospitalHôpital GénéralHospital
Pediatrico EspoaMedical Center near Morne HerculeMedical Center near Morne a Tuf
(at haiti.sahanafoundation.org)

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ChanServ
bitner
catsup
chadheus
csgeek2
cwis
eggert
eleusis
flav_sleep
jd42
Joelio
joshmarcus2
ke4qqq
km0
lifeeth
mikejs
mprutsalis
mrenoch1
nicopresto
perssonwj
RandyK65
ryan_1
sahanalog
sharon
sigabrt
skbohra_
SkramX
sm
Statrav
timClicks
unthinkindly

Lets go Open

Enough with talking, lets do something!

Case Studies

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<http://www.otrc.gov.np>