

Hackmeeting 2013 POC

Tor + Bitcoins + fresh email for privacy-friendly hosting hiring.



Javier Quintano Merino

Txirbilenea Kulturgunea Sestao

November 2, 2013



Index

Intro

- Why this talk
- Disclaimer
- 3 steps

Tor

- Basics
- Diagrams
- Setup
- How to fail

Bitcoins

- Basics
- How to
- Setup

Profile

- Be water
- Data

End

- Hosting hiring
- FAQ
- Last

why this talk?

- ▶ I <3 hackmeeting



Hackandalus 2k4 Sevilla, my first hackmeeting

why this talk?

- ▶ I <3 hackmeeting
- ▶ Barcelona 2000; Leioa 2001; hm++;



Hackandalus 2k4 Sevilla, my first hackmeeting



why this talk?

- ▶ I <3 hackmeeting
- ▶ Barcelona 2000; Leioa 2001; hm++;
- ▶ breaking news about Tor and Bitcoins



Hackandalus 2k4 Sevilla, my first hackmeeting

why this talk?

- ▶ I <3 hackmeeting
- ▶ Barcelona 2000; Leioa 2001; hm++;
- ▶ breaking news about Tor and Bitcoins
- ▶ seems to be a good place to talk about all this stuff



Hackandalus 2k4 Sevilla, my first hackmeeting

why this talk?

- ▶ I <3 hackmeeting
- ▶ Barcelona 2000; Leioa 2001; hm++;
- ▶ breaking news about Tor and Bitcoins
- ▶ seems to be a good place to talk about all this stuff
- ▶ #whoami jaXvi - Metabolik BioHacklab



Hackandalus 2k4 Sevilla, my first hackmeeting



why this talk?

- ▶ I <3 hackmeeting
- ▶ Barcelona 2000; Leioa 2001; hm++;
- ▶ breaking news about Tor and Bitcoins
- ▶ seems to be a good place to talk about all this stuff
- ▶ #whoami jaXvi - Metabolik BioHacklab
- ▶ being at \$HOME rules



Hackandalus 2k4 Sevilla, my first hackmeeting



\beep disclaimer!

"The attendee accepts the talk as is, with all faults."

"For educational purposes only."

- ▶ just a Proof Of Concept I tried for myself



what could possibly go wrong?

\beep disclaimer!

"The attendee accepts the talk as is, with all faults."

"For educational purposes only."

- ▶ just a Proof Of Concept I tried for myself
- ▶ maybe not enough for your needs



what could possibly go wrong?



\beep disclaimer!

"The attendee accepts the talk as is, with all faults."

"For educational purposes only."

- ▶ just a Proof Of Concept I tried for myself
- ▶ maybe not enough for your needs
- ▶ for fun, curiosity



what could possibly go wrong?

\beep disclaimer!

"The attendee accepts the talk as is, with all faults."

"For educational purposes only."

- ▶ just a Proof Of Concept I tried for myself
- ▶ maybe not enough for your needs
- ▶ for fun, curiosity
- ▶ remember
[Hacktivistas/Tools](#)



what could possibly go wrong?

\beep disclaimer!

"The attendee accepts the talk as is, with all faults."

"For educational purposes only."

- ▶ just a Proof Of Concept I tried for myself
- ▶ maybe not enough for your needs
- ▶ for fun, curiosity
- ▶ remember
[Hacktivistas/Tools](#)
- ▶ more ideas please :)



what could possibly go wrong?



3 steps

- ▶ wanted: server in internet



3 steps

- ▶ wanted: server in internet
- ▶ not wanted: giving personal data

3 steps

- ▶ wanted: server in internet
- ▶ not wanted: giving personal data



TOR



BITCOIN



FAKE DATA



3 steps

CHALLENGE ACCEPTED





Index

Intro

Why this talk
Disclaimer
3 steps

Tor

Basics
Diagrams
Setup
How to fail

Bitcoins

Basics
How to
Setup

Profile

Be water
Data

End

Hosting hiring
FAQ
Last



basics

Definition

Tor is a network of virtual tunnels that allows people and groups to improve their privacy and security on the Internet.



basics

- ▶ Journalists use Tor to communicate more safely with whistleblowers and dissidents.



basics

- ▶ Journalists use Tor to communicate more safely with whistleblowers and dissidents.
- ▶ Non-governmental organizations NGOs use Tor, corporations use Tor



basics

- ▶ Journalists use Tor to communicate more safely with whistleblowers and dissidents.
- ▶ Non-governmental organizations NGOs use Tor, corporations use Tor
- ▶ Groups such as Indymedia recommend Tor for safeguarding their members online privacy and security.



basics

- ▶ Journalists use Tor to communicate more safely with whistleblowers and dissidents.
- ▶ Non-governmental organizations NGOs use Tor, corporations use Tor
- ▶ Groups such as Indymedia recommend Tor for safeguarding their members online privacy and security.
- ▶ Activist groups like the Electronic Frontier Foundation EFF recommend Tor as a mechanism for maintaining civil liberties online.



basics

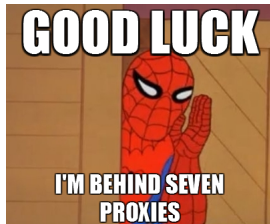
- ▶ Journalists use Tor to communicate more safely with whistleblowers and dissidents.
- ▶ Non-governmental organizations NGOs use Tor, corporations use Tor
- ▶ Groups such as Indymedia recommend Tor for safeguarding their members online privacy and security.
- ▶ Activist groups like the Electronic Frontier Foundation EFF recommend Tor as a mechanism for maintaining civil liberties online.
- ▶ Hackmeeting attendees use Tor ;)



basics

WAIT, why Tor? we have **proxys**

- ▶ who's the admin **behind** that proxy?
- ▶ X-Forwarded-For header?
- ▶ slow, types(socks4,5 http, https...), ports/fw...
- ▶ proxy are OK sometimes
- ▶ time to mention I2P, Freenet, VPN
- ▶ ssh -ND 4444 yourhost.net





diagrams

OK! Let's go using Tor! :D

Some reading:

<https://www.torproject.org/about/overview.html.en>

Or... some pictures:



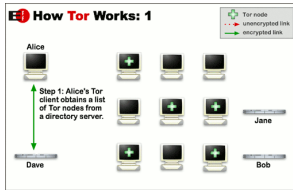
diagrams

OK! Let's go using Tor! :D

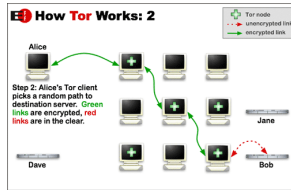
Some reading:

<https://www.torproject.org/about/overview.html.en>

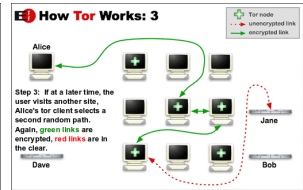
Or... some pictures:



or 1



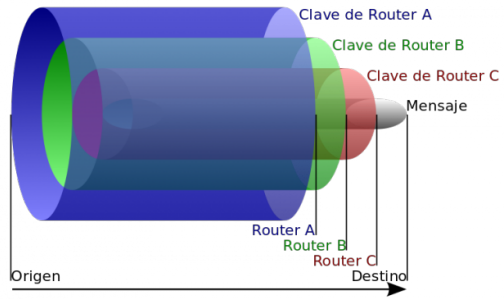
or 2



or 3



diagrams

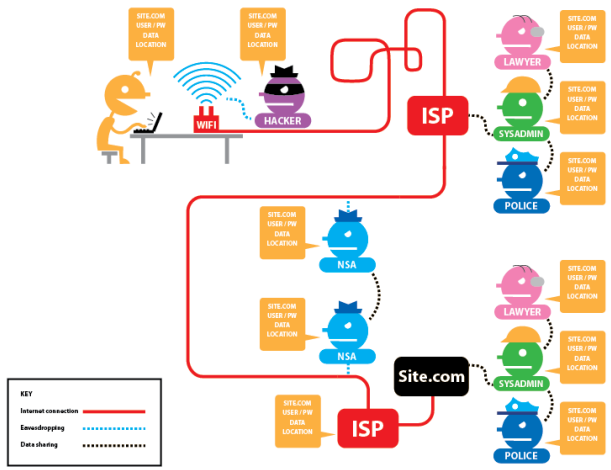


Onion routing



diagrams

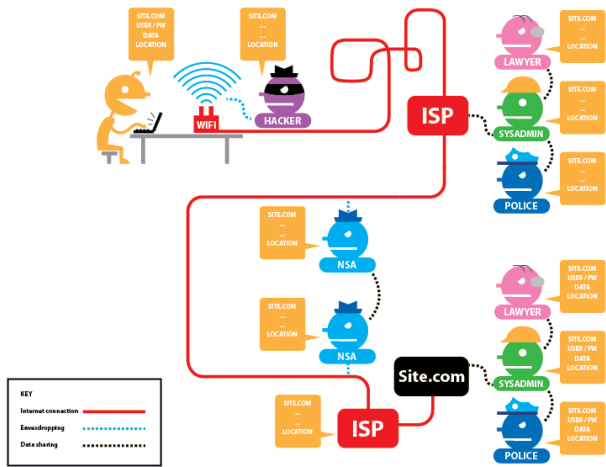
- ▶ tor0https0
- ▶ tor0https1
- ▶ tor1https0
- ▶ tor1https1





diagrams

- ▶ tor0https0
- ▶ tor0https1
- ▶ tor1https0
- ▶ tor1https1







setup



Remember: we want Tor to use Bitcoins to buy hosting :P
How do we use Tor in Real LifeTM?

- ▶ Torbutton
 - ▶ deprecated!
- ▶ Tor Browser Bundle
 - ▶ patched version of Firefox, easy
 - ▶ only web surfing
 - ▶ don't install plugins
 - ▶ don't open documents downloaded



setup

- ▶ Tails: The Amnesic Incognito Live System
 - ▶ live DVD—SD—USB
 - ▶ debian+tor
 - ▶ no-trace
 - ▶ being paranoid: [coreboot](#): BIOS replacement
- ▶ <https://www.whonix.org> *my choice
 - ▶ TorBOX gateway now "Whonix anonymous operating system"
 - ▶ debian+tor
 - ▶ Virtual Machine(s) (GW+desktop)
 - ▶ comfortable

setup

Whonix Anonymous Operating System



The red arrows → indicate that malicious or misbehaving applications can't break out of the Whonix-Workstation.
All network connections → are forced to go through Whonix-Gateway, where they are torified and routed to the Internet.

1. reliable PC, OS, connection?
2. working Virtual Box
3. pre-install advice
4. download Whonix-Gateway
5. download Whonix signing key (PGP)
6. import key
7. verify downloaded VM
8. same for Whonix-Workstation

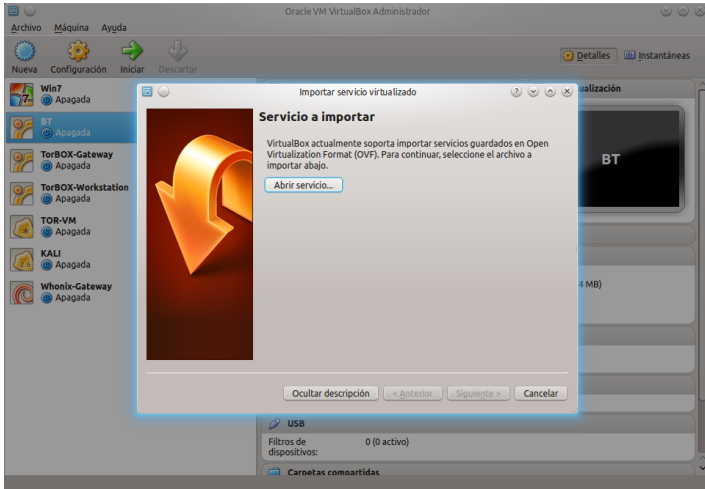


setup

```
jaxvi@piv:~/VM$ gpg --import adrelanos.asc
gpg: clave 713AAEEF: «adrelanos <adrelanos@riseup.net>» sin cambios
gpg: Cantidad total procesada: 1
gpg: sin cambios: 1
jaxvi@piv:~/VM$ gpg --fingerprint 9B157153925C303A42253AFB9C131AD3713AAEEF
pub 4096R/713AAEEF 2012-03-02
    Huella de clave = 9B15 7153 925C 303A 4225 3AFB 9C13 1AD3 713A AEEF
uid adrelanos <adrelanos@riseup.net>
sub 4096R/794279C4 2012-03-02

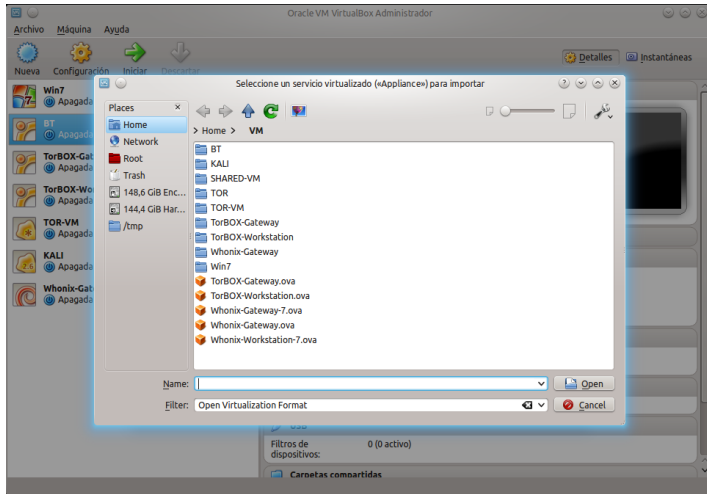
jaxvi@piv:~/VM$ gpg --keyid-format long --verify Whonix-Gateway-7.ova.asc Whonix-Gateway-7.ova
gpg: Firma caducada en vie 11 oct 2013 00:32:09 CEST
gpg: usando RSA clave 9C131AD3713AAEEF
gpg: Firma correcta de «adrelanos <adrelanos@riseup.net>»
gpg: AVISO: ¡Esta clave no está certificada por una firma de confianza!
gpg: No hay indicios de que la firma pertenezca al propietario.
Huellas dactilares de la clave primaria: 9B15 7153 925C 303A 4225 3AFB 9C13 1AD3 713A AEEF
```


setup screenshots

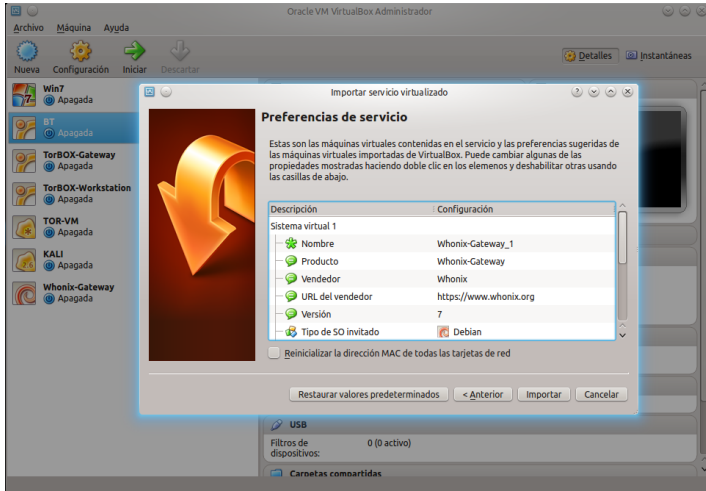




setup screenshots

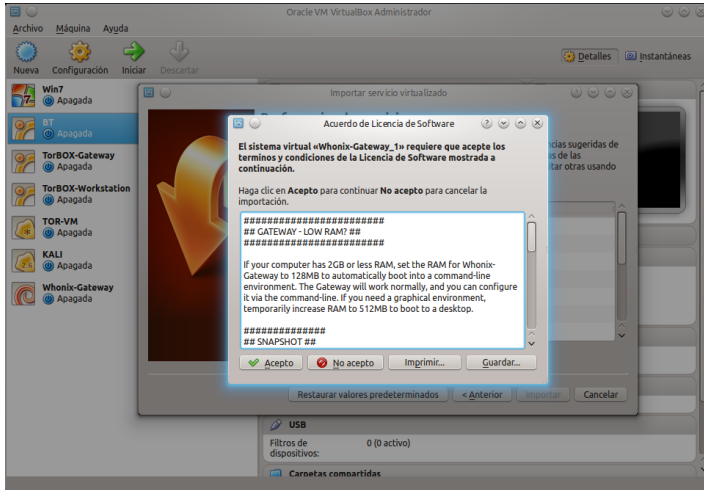


setup screenshots

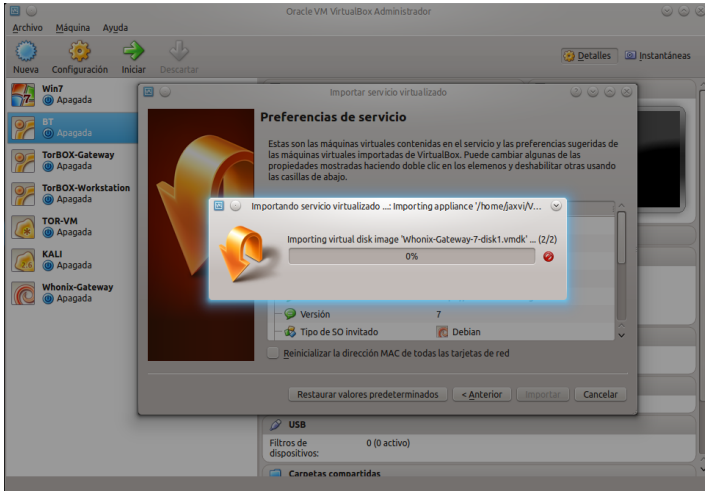




setup screenshots

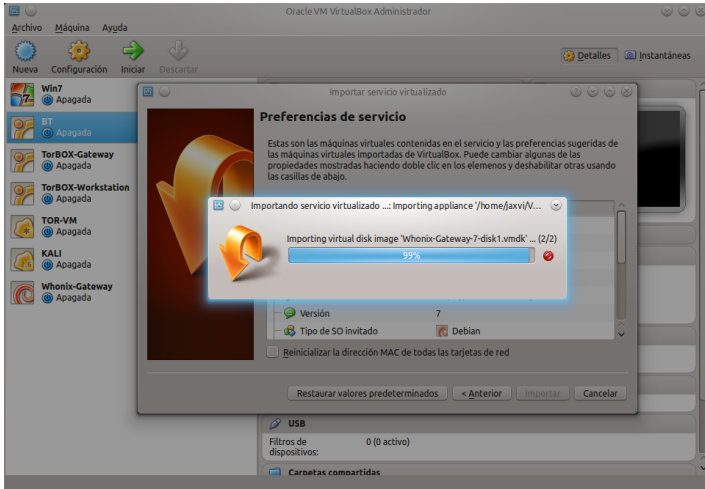


setup screenshots



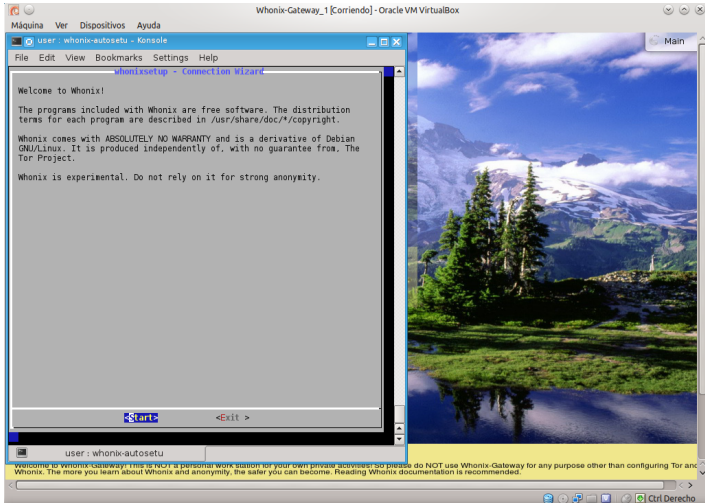


setup screenshots



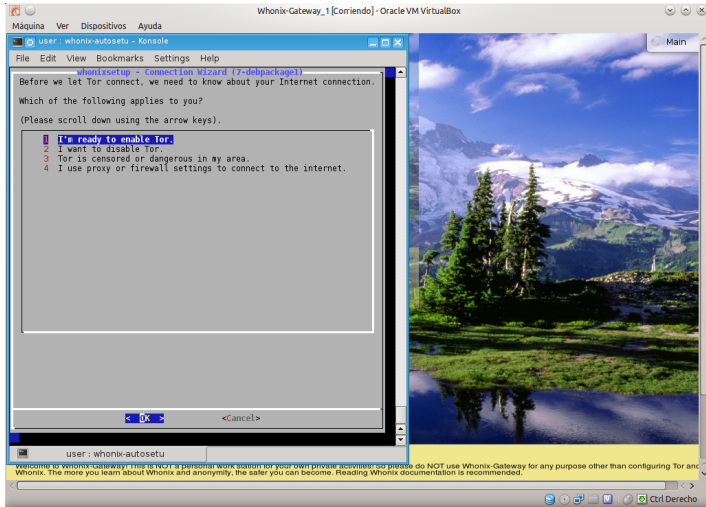


setup screenshots



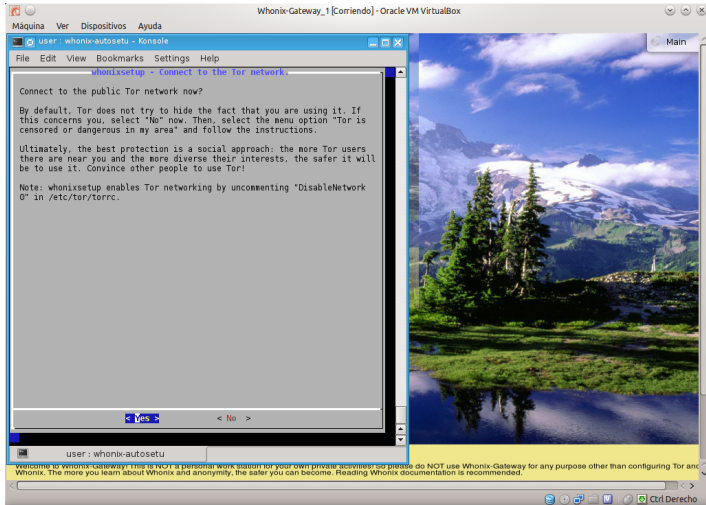


setup screenshots



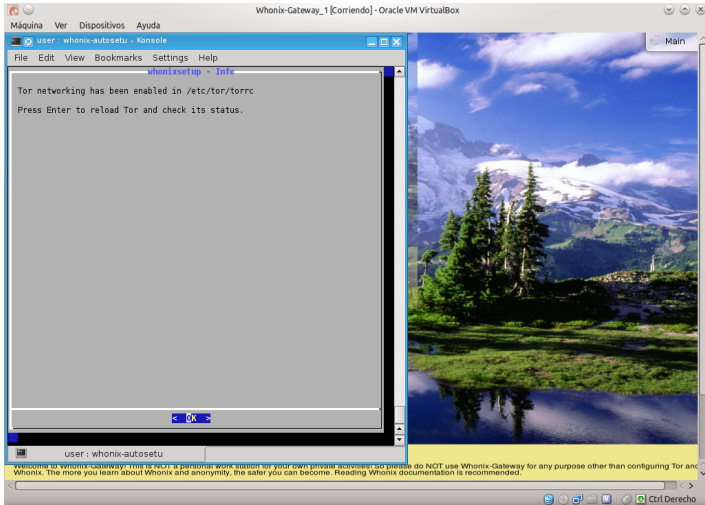


setup screenshots



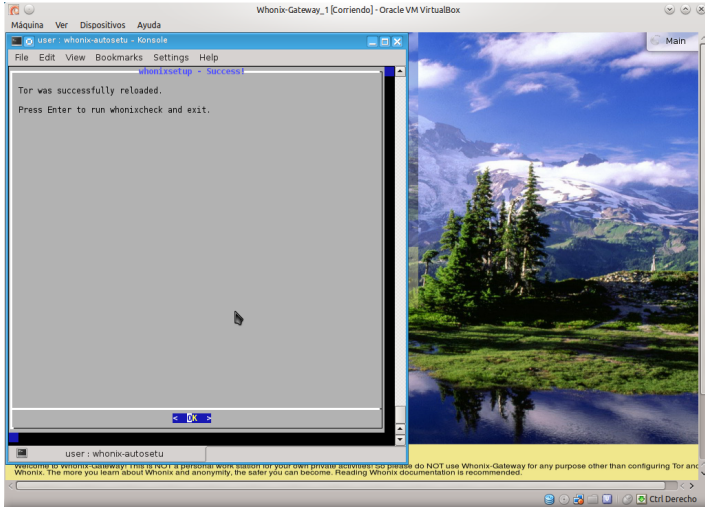


setup screenshots



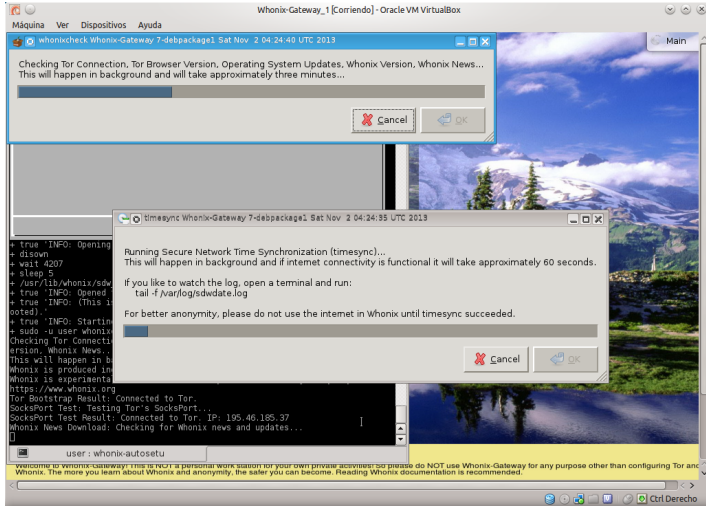


setup screenshots



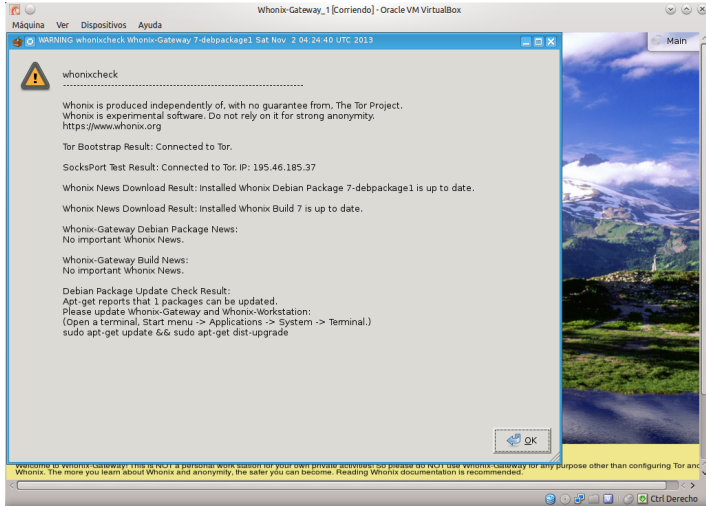


setup screenshots

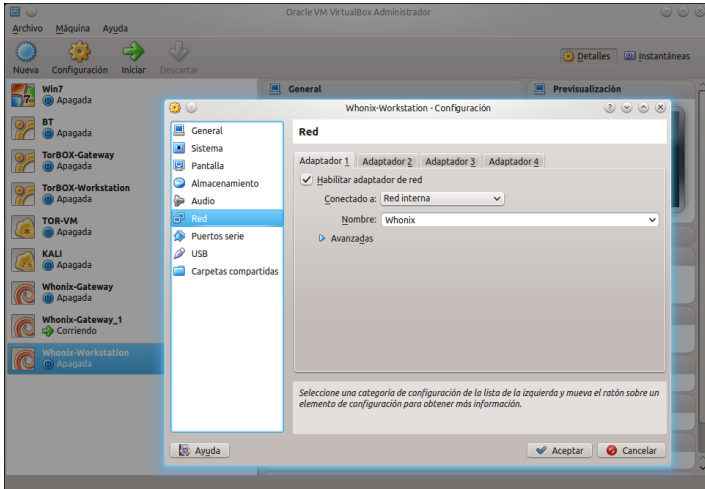




setup screenshots

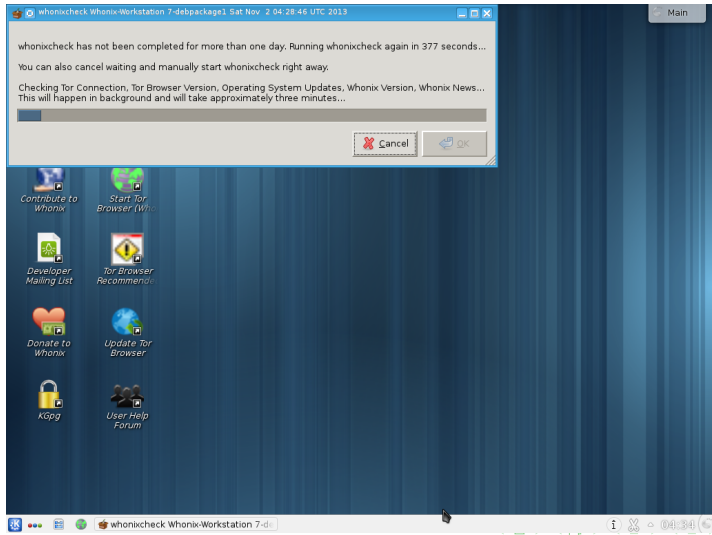


setup screenshots



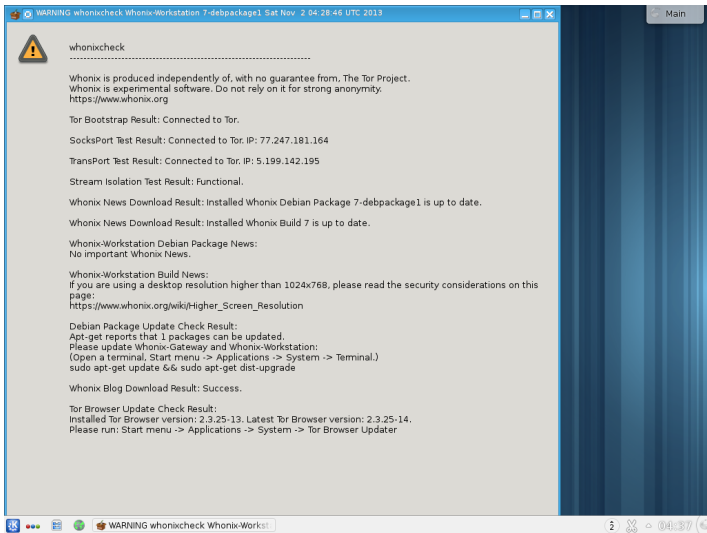


setup screenshots





setup screenshots



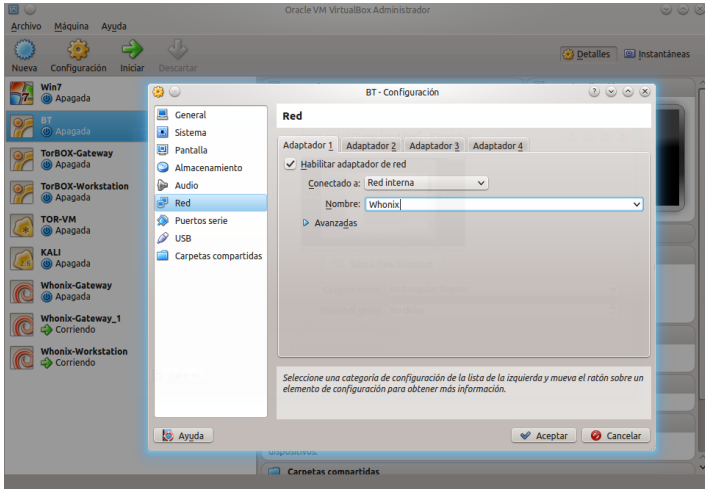


setup screenshots

The screenshot shows a Whonix-Workstation virtual machine running on Oracle VM VirtualBox. The main window is a Firefox browser displaying the Tor Node Checker tool. The browser's address bar shows the URL <https://www.dan.me.uk/torcheck?ip=96.47.226.22>. The page content includes a large green banner that reads "Congratulations. Your browser is connected to the Tor network." Below this, it states "Your IP address appears to be: 194.104.126.126". A terminal window is open in the foreground, showing the command `curl ifconfig.me` and its output `96.47.226.22`. The terminal window also shows the command `jaXvi: bash`. The Tor Node Checker tool interface includes a "Check" button and a list of output data, such as "TOR Name: wannabe", "TOR Version: Tor 0.2.4.17-rc", and "TOR-Bandwidth-Average-Bytes: 52428800".

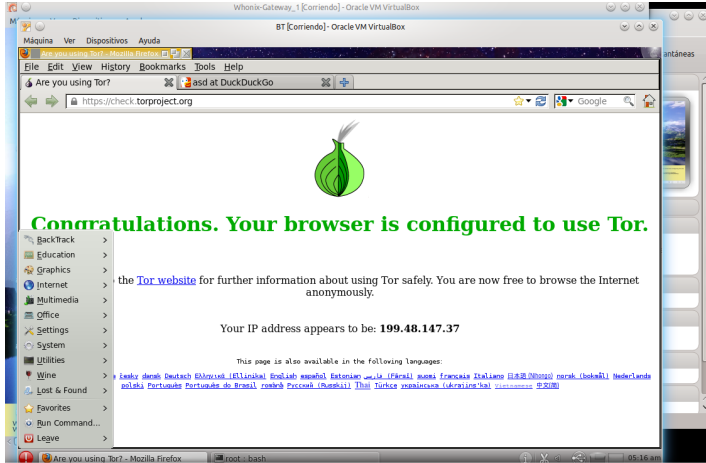


setup screenshots





setup screenshots





epic fail

Just in case...





epic fail

August:

/2013/08/05/freedom-hosting-arrest-and-takedown-linked-to-tor-privacy-compromise/

Latvia blocking extradition of Gozi w... Anatomy of a cryptographic oracle - ...

Freedom Hosting arrest and takedown linked to Tor privacy compromise

Join thousands of others, and sign up for Naked Security's newsletter


you@example.com

by John Hawes on August 5, 2013 | 7 Comments
FILED UNDER: [Featured](#), [Firefox](#), [Law & order](#), [Privacy](#)

The anonymising service Tor and the secretive web underworld operating under its shadowy cloak were rocked over the weekend by the arrest of a major hosting provider, and suggestions that malicious JavaScript may have been planted on a number of sites, aimed at revealing the identities of those using Tor.






Eric Eoin Marques, a 28-year-old Irish citizen, is being [held without bail in Ireland](#) after a preliminary extradition hearing on Saturday aimed at sending him to the US, where he would face charges of distributing child pornography online.

Marques owned and operated the "Freedom Hosting" service inside the Tor network, thought to be one of the largest operators within Tor having provided a number of popular privacy tools including TorMail.



Naked Security from Sophos
 223,074

Popular **Recent** **Related**

-  Tor and the Deepnet: What price does society pay for anonymity?
-  FBI claims that Tor stymied child abuse investigation
-  Tor usage doubles in August. New privacy-seeking users or botnet?
-  Facebook's untimely block on Tor mistakenly freaks out activists
-  Tor-hidden online narcotics store, "The Farmer's Market", brought down in multinational sting



epic fail

October:

CBCnews | Technology & Science

[Home](#) [World](#) [Canada](#) [Politics](#) [Business](#) [Health](#) [Arts & Entertainment](#) [Technology & Science](#) [Community](#) [Weather](#) [Video](#)

[Technology & Science](#) [Quirks & Quarks Blog](#) [Spark](#) [Photo Galleries](#)

In The News

- Senate and PM's transit
- Pipeline safety
- Climate fed back
- The Diana movie

Silk Road's alleged mastermind: How the FBI caught him

Fake IDs ordered from Canada helped authorities catch 'Dread Pirate Roberts'

The Associated Press Posted: Oct 03, 2013 9:54 AM ET | Last Updated: Oct 03, 2013 11:09 AM ET

 Facebook 146

 Twitter 20

 +1 3

 Share 166

 Email

FBI agents found him in the science fiction section of a small branch of the San Francisco public library, chatting online.

The man known as Dread Pirate Roberts — 29-year-old Ross William Ulbricht — was on his personal laptop Tuesday afternoon, authorities said, talking about the vast black market bazaar that is believed to have brokered more than \$1 billion in transactions for illegal drugs and services.



The FBI spent two years investigating Ross William Ulbricht, largely online, before arresting him.

Stay Connected with CBC News

- Mobile
- Facebook
- Podcasts
- Twitter
- Alerts
- Newsletter

Top News Headlines

- Stephen Harper calls on Senate to reform itself
- Follow the Conservative convention, Day 2
- Rob Ford's new adversary: Chief Bill Blair

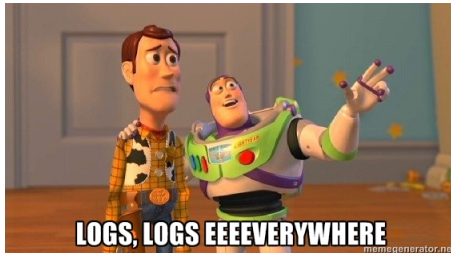
Related Stories

- Welcome to the 'dark web': a haven for illegal trafficking
- Silk Road illegal drug website shut down by FBI

epic fail

Please, think about it:

- ▶ traceability
- ▶ correlation is not causation but...





epic fail

Please, think about it:

- ▶ software vulnerabilities (!= tor protocol vuln)
- ▶ info leaks, talk to strangers
- ▶ anonymous' epic fails
- ▶ metadata, OSINT
- ▶ VPN, end to end encryption
- ▶ [read more](#)
- ▶ fails++;



Index

Intro

Why this talk
Disclaimer
3 steps

Tor

Basics
Diagrams
Setup
How to fail

Bitcoin

Basics
How to
Setup

Profile

Be water
Data

End

Hosting hiring
FAQ
Last



basics

Definition

Bitcoin is a distributed peer-to-peer digital currency that functions without the intermediation of any central authority. The concept was introduced in a 2008 paper by a pseudonymous developer known only as "Satoshi Nakamoto".

<http://bitcoin.org/bitcoin.pdf>

basics

- Not new but it's in the news



basics

- ▶ Not new but it's in the news
- ▶ real



basics

- ▶ Not new but it's in the news
- ▶ real
- ▶ super interesting both technologically and socially



basics

- ▶ Not new but it's in the news
- ▶ real
- ▶ super interesting both technologically and socially
- ▶ difficult to understand the internals



basics

- ▶ Not new but it's in the news
- ▶ real
- ▶ super interesting both technologically and socially
- ▶ difficult to understand the internals
- ▶ not so difficult to use



basics

- ▶ Not new but it's in the news
- ▶ real
- ▶ super interesting both technologically and socially
- ▶ difficult to understand the internals
- ▶ not so difficult to use
- ▶ let's see the basics





basics

I said *basics*

1. You need a wallet, a bitcoin client software



basics

I said *basics*

1. You need a wallet, a bitcoin client software
2. You have *addresses* in your wallet



basics

I said *basics*

1. You need a wallet, a bitcoin client software
2. You have *addresses* in your wallet
3. let's say addresses are: btc balance + public address + private key



basics

I said *basics*

1. You need a wallet, a bitcoin client software
2. You have *addresses* in your wallet
3. let's say addresses are: btc balance + public address + private key
4. there is a *shared public ledger* : the *block chain*



basics

I said *basics*

1. You need a wallet, a bitcoin client software
2. You have *addresses* in your wallet
3. let's say addresses are: btc balance + public address + private key
4. there is a *shared public ledger* : the *block chain*
5. Alice sends BTC to Bob
 - 5.1 Alice tells her client to transfer BTC to Bob's address
 - 5.2 her client sign (with the private key) the transaction
 - 5.3 the transaction needs to be verified



basics

1. the *miners* verify the transaction
 - 1.1 miners work with a block



basics

1. the *miners* verify the transaction
 - 1.1 miners work with a block
 - 1.2 the miners' computers calculate hashes



basics

1. the *miners* verify the transaction
 - 1.1 miners work with a block
 - 1.2 the miners' computers calculate hashes
 - 1.3 they try to find an special nonce+hash (difficult)



basics

1. the *miners* verify the transaction
 - 1.1 miners work with a block
 - 1.2 the miners' computers calculate hashes
 - 1.3 they try to find an special nonce+hash (difficult)
 - 1.4 if they find it, that block goes to the block chain



basics

1. the *miners* verify the transaction
 - 1.1 miners work with a block
 - 1.2 the miners' computers calculate hashes
 - 1.3 they try to find an special nonce+hash (difficult)
 - 1.4 if they find it, that block goes to the block chain
 - 1.5 the miners earn BTC! and trans is confirmed!

basics



Alice, Bob r u mad?

basics

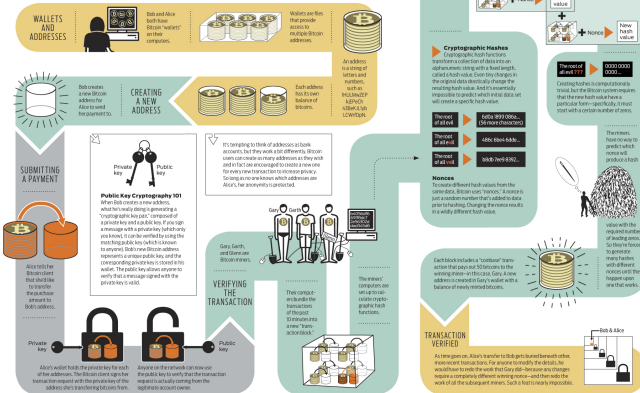


Alice, Bob r u mad?
Let's try with a picture...

basics

How a Bitcoin transaction works

Bob, an online merchant, decides to begin accepting bitcoins as payment. Alice, a buyer, has bitcoins and wants to purchase merchandise from Bob.





my setup

- ▶ Getting bitcoins
 - ▶ hax0r way: mining
 - ▶ lame way: buying (* fast)
- ▶ Store bitcoins
 - ▶ local wallet on encrypted volume (tested, ok but needs your work)
 - ▶ online wellknown wallets [MTgox](#) (*what you probably expect :P)
- ▶ OH WAIT! you have to send almost DNA sample to mtgox, that doesn't seem to be privacy-friendly
 - ▶ one-use [ewallet](#)
- ▶ OH WAIT! bitcoins transactions are public
 - ▶ use a [mixer](#)



demo time



Pay with Bitcoin 

1HW65ZrAFd9XMq9o2HBGZnFDR5d7GpS1F8



1HW65ZrAFd9XMq9o2HBGZnFDR5d7GpS1F8



Index

Intro

Why this talk
Disclaimer
3 steps

Tor

Basics
Diagrams
Setup
How to fail

Bitcoins

Basics
How to
Setup

Profile

Be water
Data

End

Hosting hiring
FAQ
Last



be water

- ▶ prepare to be someone else (inside tor)



be water

- ▶ prepare to be someone else (inside tor)
- ▶ GOTO 60



be water

- ▶ prepare to be someone else (inside tor)
- ▶ GOTO 60
- ▶ **being anon** is **hard**, Pro tip: read a lot

be water

- ▶ prepare to be someone else (inside tor)
- ▶ GOTO 60
- ▶ **being anon** is **hard**, Pro tip: read a lot
- ▶ **hardcore demo**



FEEL LIKE A SIR

fake profile

Name

First	Middle	Last	Suffix
Kate	Libby	Ziebert	

Address

31753 Cecil Avenue
Delano, CA
93215-9590

Home Phone

(661)721-3145

Cell Phone

(661)301-1257

Social Security Number

607-40-0409

CA Drivers License

V1612703

Passport

Id: 227134027
Exp: 26-Mar-2013
Extra: 1

Passport Code

P<USAZTIEBERT<<KATE<LIBBY<=====>
2271340270USAG201234F13032691<=====>B

Credit Card 1

Number: 4256-2478-2114-9879
Expire: 0415
CCV: 450

Credit Card 2

Number: 4936-7163-0044-5337
Expire: 1212
CCV: 078

Credit Card 3

Number: 5451-3727-9379-0235
Expire: 1214
CCV: 231

Gender

Female

Demographic

45 To 54

CA Birth Date

23-Jan-1962

- + email
- + photo ;)



hosting hiring

1. shouldn't be difficult to find
hosting in BTC



hosting hiring

1. shouldn't be difficult to find
hosting in BTC
2. remember slides 0 - n



hosting hiring

1. shouldn't be difficult to find
hosting in BTC
2. remember slides 0 - n
3. prepare your wallet(s)



hosting hiring

1. shouldn't be difficult to find
[hosting in BTC](#)
2. remember slides 0 - n
3. prepare your wallet(s)
4. send some BTC, always use
mixer



hosting hiring

1. shouldn't be difficult to find
[hosting in BTC](#)
2. remember slides 0 - n
3. prepare your wallet(s)
4. send some BTC, always use
mixer
5. choose provider, create
account



hosting hiring

1. shouldn't be difficult to find
[hosting in BTC](#)
2. remember slides 0 - n
3. prepare your wallet(s)
4. send some BTC, always use
mixer
5. choose provider, create
account
6. u r inside Tor, aren't you?



hosting hiring

1. shouldn't be difficult to find
[hosting in BTC](#)
2. remember slides 0 - n
3. prepare your wallet(s)
4. send some BTC, always use
mixer
5. choose provider, create
account
6. u r inside Tor, aren't you?
7. remember slides 0 - n x2
nervous?

hosting hiring

1. shouldn't be difficult to find
hosting in BTC
2. remember slides 0 - n
3. prepare your wallet(s)
4. send some BTC, always use
mixer
5. choose provider, create
account
6. u r inside Tor, aren't you?
7. remember slides 0 - n x2
nervous?



Take my BTC!



Intro
Tor
Bitcoin
Profile
End

Hosting hiring
FAQ
Last

hosting hiring

Are you using Tor? ☐ Shopping Cart - Microtronix... ☐ AOL.com - Welcome to ... ☐ My Wallet - Be Your Own ... ☐ Send Shared - Blockchain... ☐ 3.965 USD - Previa ☐

https://clients.microtronix-tech.com/cart.php?a=view

New Customer **Existing Customer**

First Name	Kate	Address 1	31753 Cecil Avenue
Last Name	Libby	Address 2	
Company Name	it	City	Delano
Email Address	kate_libby@aol.com	State/Region	California
		Zip Code	31753
		Country	United States
		Phone Number	(661)301-1257

Promotional Code

Payment Method

☐ Credit Card (PayPal) ☐ Credit Card (Stripe) ☒ Bit-pay (Bitcoin Automatic Payments)

control panel



hosting hiring

Microtronix - Invoice #3028 Client Area - Microtronix

ewinvoice.php?id=3028

Microtronix **Unpaid**
[Bit-pay (Bitcoin Automatic Payments)]
[Pay Now]

Invoiced To it Kate Libby 31753 Cecil Avenue, Delano, California, 91733 United States	Pay To 3013 Nacome Oregon, OR 97136
---	--

Invoice #3028
Invoice Date: Wednesday, October 30th, 2013
Due Date: Friday, November 1st, 2013

Description	Amount
mVPS-256 - gibson (30/10/2013 - 29/11/2013) Operating System: Debian 7 x86_64 Control Panel: None Extra IP Address: 0 x 1 \$2.00 USD Management: Unmanaged Location: Florida	\$2.95 USD
Sub Total:	\$2.95 USD
Credit:	\$0.00 USD
Total:	\$2.95 USD

Transactions

Transaction Date	Gateway	Transaction ID	Amount
No Related Transactions Found			
Balance:			\$2.95 USD

invoice



Intro
Tor
Bitcoins
Profile
End

Hosting hiring
FAQ
Last

hosting hiring



Error 1006

Access denied

What happened?

The owner of this website (bitpay.com) has banned your IP address ().

CloudFlare Ray ID: c586c6d52ff020e • Your IP: 96.47.226.20 • [Help](#) • Performance & security by [CloudFlare](#)

ooops shit happens!

hosting hiring



technoviking to the rescue!



Intro
Tor
Coins
Profile
End

Hosting hiring
FAQ
Last


hosting hiring

Are you using Tor? AOL Mail Client Area - Microtronix: ... 3028 - Microtronix: ... My Wallet - Be Your... Send Shared - Bloc... 0.01466 BTC - Preev


BIT-PAY, LLC (US) https://bitpay.com/invoice?id=4neTdoZL5TXwGBSCGGDXAE Google

#3028

0.0145 BTC

 **Pay with Bitcoin**

1HW65ZAFd9X0Mq9o2HBCznFDRSd7GpS1F8



14:02 0.0145 BTC = 2.95 USD

Microtronix

3015 Navarre
Oregon, OH 43616
United States

(419) 972-1746

Kate Libby

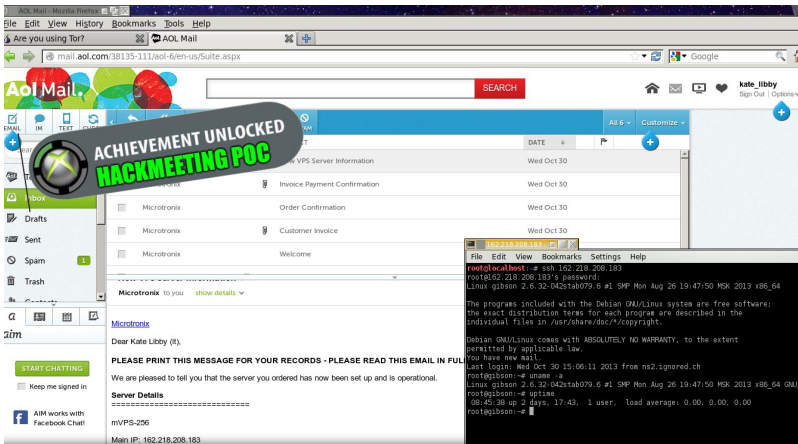
31753 Cecil Avenue
Delano, CA 91753

(661) 301-1257
kate_libby@aol.com

#3028	USD
#3028	\$2.95
\$2.95 USD	
Thank You	

payment

hosting hiring



ACHIEVEMENT UNLOCKED HACKMEETING POC

AOL Mail

SEARCH

mail.aol.com/38135-111/aol-6/en-us/Suite.aspx

Are you using Tor?

Google

Home Mail Calendar Kate Libby Sign Out | Options

EMAIL IM TEXT

Mailbox

Drafts

Sent

Spam

Trash

START CHATTING

Keep me signed in

AIM works with Facebook Chat!

Microtronix

Dear Kate Libby (t),

PLEASE PRINT THIS MESSAGE FOR YOUR RECORDS - PLEASE READ THIS EMAIL IN FULL

We are pleased to tell you that the server you ordered has now been set up and is operational.

Server Details

=====

mVPS-296

Main IP: 162.218.208.183

Terminal Window

```
root@162.218.208.183:~# ssh 162.218.208.183
root@162.218.208.183's password:
Linux gibson 2.6.32-042stab079.6 #1 SMP Mon Aug 26 19:47:50 MSK 2013 x86_64

The program included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.

You have new mail.
Last login: Wed Oct 30 15:06:11 2013 from ns2.ignored.ch
root@gibson:~# uname -a
Linux gibson 2.6.32-042stab079.6 #1 SMP Mon Aug 26 19:47:50 MSK 2013 x86_64 GNU
root@gibson:~# uptime
 08:45:38 up 2 days, 17:43, 1 user, load average: 0.00, 0.00, 0.00
root@gibson:~#
```

ACHIEVEMENT UNLOCKED!



FAQ

1. what about DNS?
2. what about hidden services?
3. you talking but all your shots *are* belong to us!
4. what to do and not next
5. ...



agur! bye bye! hasta otra!
:)

