AIS Hackathon 2017

CODARREN

Hackathon 101
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TRUTH
“NUMBERS”
>1.2 Million
“HACKATHON”
Getting Ready!
@devildron
@AIS_africa

- #Hackathon
- #AISKenya
- #AISKenya #Hackathon is underway!
Rules

- Fork it
Rules

- Make Changes
Rules

• Send Pull Request
Rules

- Code Review
Rules

- Merge (commit)
Rules

- Reject
Hypervisor

- Disk Space
make -j8
Snapshot often
“Kernel”
1. Compiling your own ()

- System configuration
- Network configuration
Hint

- FreeBSD 11.0 release vmdk
- https://goo.gl/5PCVJj
2. Compiling your own (1)

- FreeBSD 11.0 release vmdk
- Run
- Change root password
- Check network adapter → ifconfig
- Note down interface name → em0
- Create rc.conf in /etc/ and add config
- Restart interface
- Network should work!
3. Setting up (SSH)

- Config file  `/etc/ssh/sshd_config`
- `#Protocol 2`
- `#PermitRootLogin no`
- Restart SSH → `/etc/rc.d/sshd restart`
- SSH on VM
4. Compiling the kernel

- Get sources for kernel
- Read instructions howto
- Do it !
We are Hackers.mu

- https://hackers.mu
- https://codarren.com
• “We believe in rough consensus and running code”