packer plugin - WIP report

Adding OpenBSD VMM support to <packer>
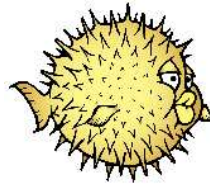
bhyvecon, Tokyo, March 20, 2019

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Trivia:

Technical lead at sysfive.com GmbH
Hacking computers since 1983
OpenBSD user since 2.7 (2000)
Developer (pf) 2002-2005

15 people — we're hiring
Apple][e
on i386, amd64, sparc64, macppc
slacked too much

Contents

- Solving what?
- What do we need?
- What do we have already?
- Putting it together
- Some rant

Solving what?

- Provide "images" for VMM (or any virtualizer supported) from automated buildchain
- not reinventing the wheel
- packer "framework": just add a plugin (written in Go)

Needy things

- Go "ecosystem" - just pkg_add...
- -- and set some environment variables
- hack on!

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What do we have already?

- OpenBSD 6.5
- packer (Hashicorp) in ports/package
- "core" plugin work: https://github.com/double-p/packer-builder-openbsd-vmm
- vmctl adaptions: -B [cd|disk|net] after discussion with Claudio

outlook / backlog

- sharpen rough edges
- documentation
- ports(8)

Backlog

- finish Vagrant plugin (binary build / port)
- integrate both and add bells ("cloudify")

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Ohai + Links + Thanks

Working plugin and full presentation at BSDCan 2019 in Ottawa

- Repo/Code/Slides - https://github.com/double-p/packer-builder-openbsd-vmm
- packer - https://packer.io (Hashicorp)
- Kickoff - Glarus, Switzerland / https://ungleich.ch
- Thanks Claudio, Mike

Questions?