

Architecting the Cloud

2016 - code.talks Hamburg

SAFEWRD

\$ cat speaker.txt

- **Developer -> System Administrator -> “DevOps Engineer”**
- **startups & corporations**
- **implementation & trainings**
- **FrOSCon & Fedora Linux**



Once upon a time...

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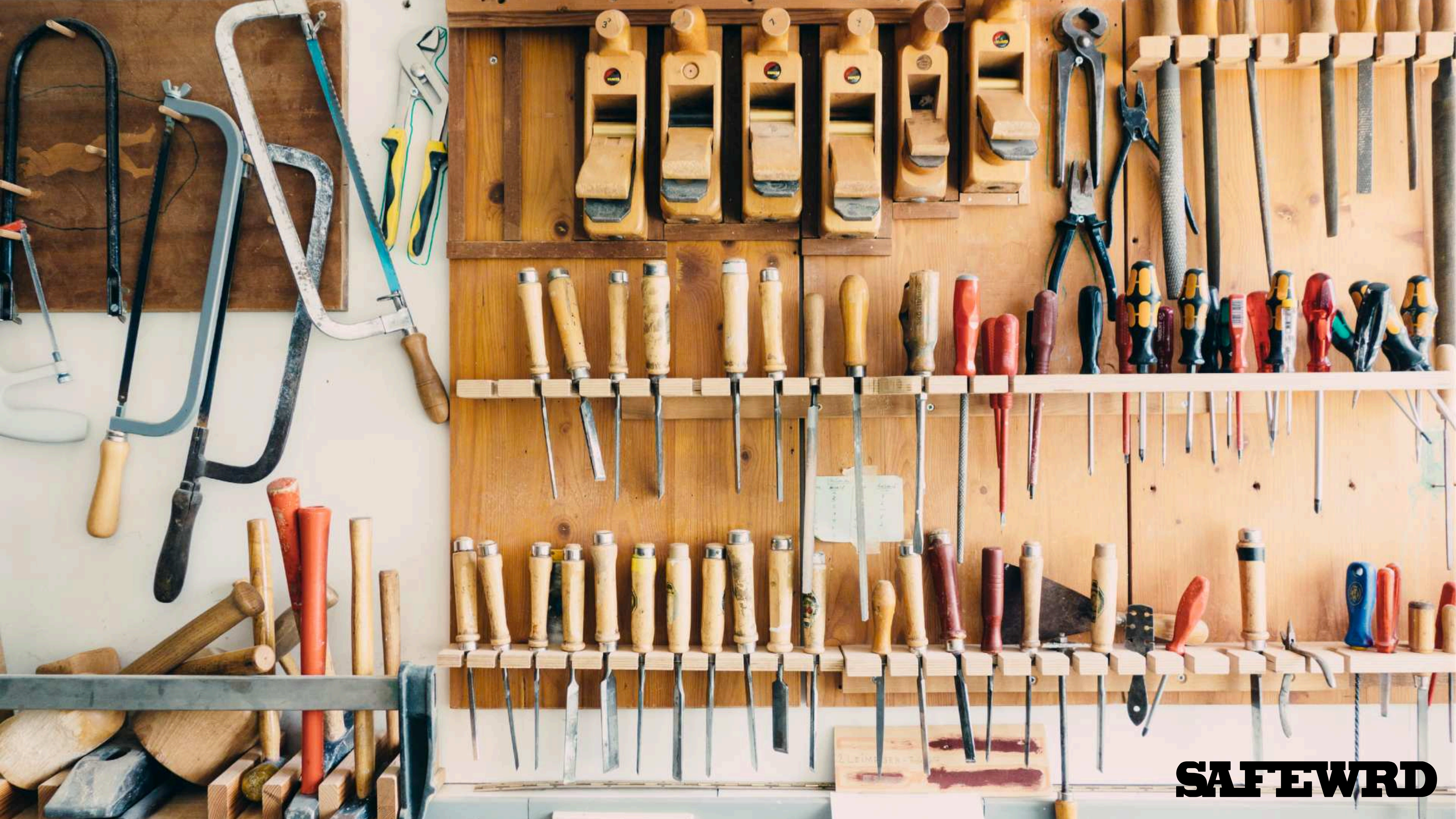
\$ history

- 10 consultants
- 5 staff
- 0 deployments

„I'm not telling you it's
going to be easy - I'm
telling you it's going to be
worth it.“

–Art Williams

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“Clouds”



simple

complex

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amazon
web services

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Tools



SAFEWRD



SAFEWRD

Accounts

- consolidated billing
- support on billing account
- sandbox account
- user management

Networking / VPC's

- group by services
- limits exist (Security Groups)
- pub/priv subnets
- **go Multi-AZ(!!!)**

Firewalling

- use security groups
- use roles
- limit where possible

Instance types

- think
- think again
- deploy

Balancing & Scaling

- always autoscale
- ELB where needed
- configure limits

Deployments

- automate.
- code infrastructure
- provision @ boot
- pre-baked AMI's

Provision

- code
- version (git)
- use masters (consistency)

Continuous...

- listen listen listen do
- enablement
- teach

Disasters

- RTO
- RPO
- Chaos Monkey





**The cloud does not forgive
The cloud does not forget**

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understand first
do after

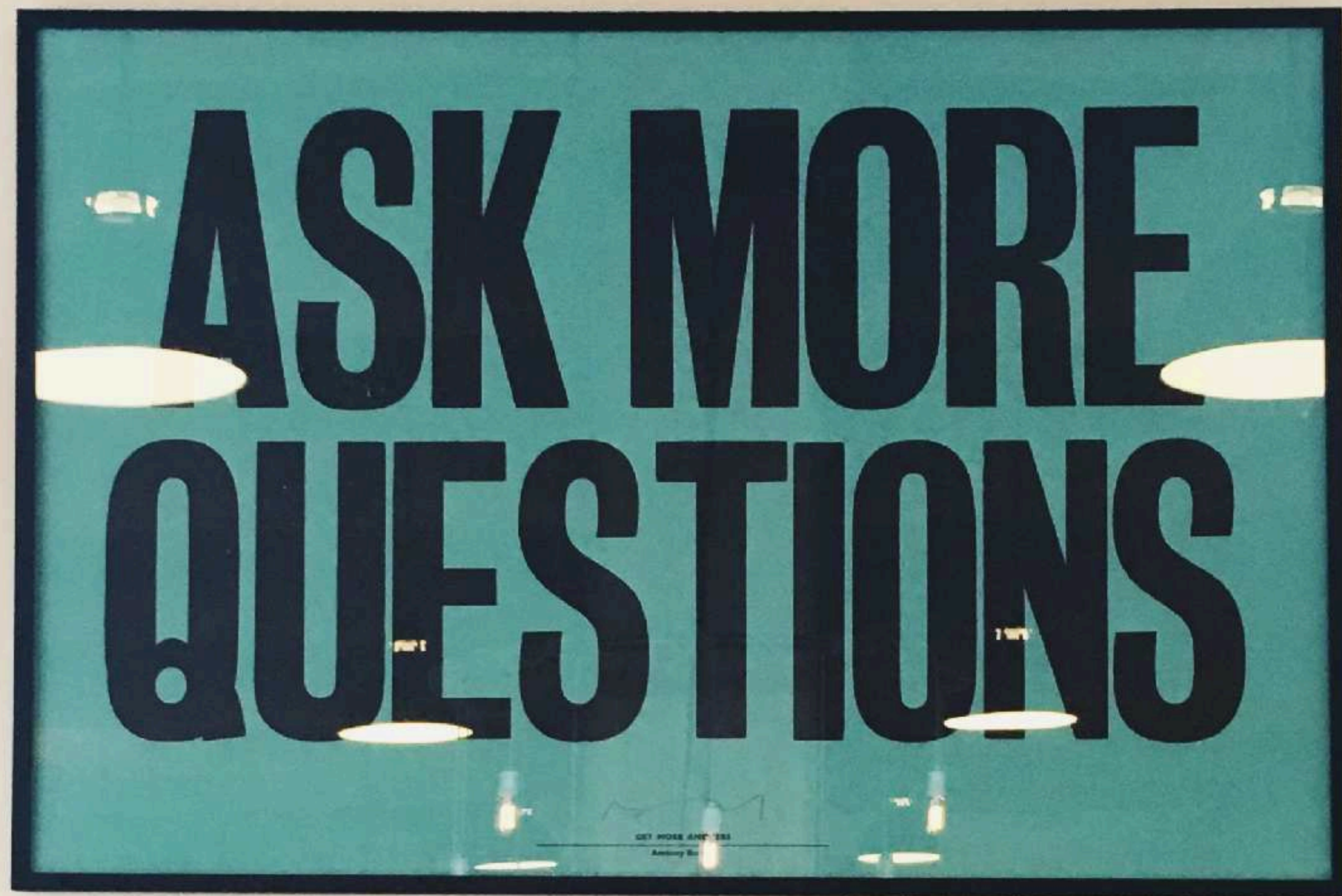


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RTFM*



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shutdown

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