Hi! A little about me ...

- **Motorola** - Remember the MotoRAZR?
- **Neohapsis** - Oldsk00l security consulting

~ Forecast, cloudy ~

- **Obama for America 2012** - President from the clouds
- **Netflix** - Streaming from the clouds

~ Forecast, a chance of showers ~

- **Salesforce** - ... clouds for business?
- **Facebook** - Social networking ... clouds?
- **Cruise Automation** - Self driving clouds
/* There isn’t just one reason to cloud */
Velocity
Efficiency
Desperation
Familiarity
Growth
/* The State of Cloud Security */
谎言
weījī
谎言 is a lie.
huǎng yán
危机 is a crisis.
wēijī
“It keeps getting more complex.”
/* “New” Problems */
Basic Hygiene
Hardening
Lifecycles
Forensics
Inconsistency
/* New trends */
Instrumentation

AWS X-Ray

Google Stackdriver Trace
Serverless
AWS Lambda
Google Cloud Functions
A kind of serverless
AWS Fargate
Google Cloud Run
WHY?
Because containers are hard.
/* New Solutions */
AWS Re:Invent 2018
AWS Control Tower
AWS Security Hub
CloudWatch Logs
Insights
Google Cloud Next 2019
Command Center
Container Vuln Scanning
Binary Authorization
/* Open Source */
Governance
Security Monkey
Cloud Custodian
Cloud Inquisitor
Rightsizing
Repoman/kid
Cloudtracker
Security can only be solved by community.
Bonus! Top 10 Risks to Cloud Computing

1. Insecure use of developer credentials
2. Publicly accessible S3 buckets
3. Improper use of default configurations
4. Access controls do not follow principles of least privilege
5. Misconfigured network constructs
6. Lack of appropriate logging and monitoring
7. Lack of inventory management
8. Domain hijacking
9. Lack of a disaster recovery plan
10. Manual account configuration
Thanks!
@benhagen
http://d.hx.io/GLUWdd