RUNNERZ

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Checkmk Conference #10

Checkmk Enterprise Edition

Single company, easy deploy.

- Distributed setup
- Centralized user management
- Network
- Infrastructure
- Agent Bakery - We love Agent Bakery
- Just a walk in the park

Everybody is happy!

Our MSP world.

Fully managed

We manage all of the customers infrastructure, from network to paperjam.

Partially managed

We manage some of the customers services and or infrastructure.

Not managed

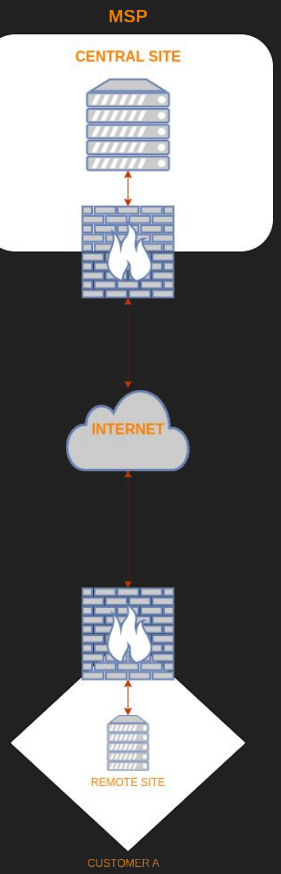
We only provide Checkmk server/services.

Legacy connections

1: Cumbersome to set up

2: Hard to maintain

3: Nobody remembers to clean up



Special cases

- No inbound connections allowed
- Ports already in use
- Customer behind CGNAT
- Radio Link Internet, WISP

Livedump and CMCDump

Checkmk Managed Edition

Multiple customers, different deploy.

- Distributed setup - Yes and No
- Centralized users - Depends?
- Network - There is network alright.
- Infrastructure - Customers really have a lot of infrastructure.
- Agent Bakery - We STILL love Agent Bakery
- Just a walk in the park? Maybe if the park is an active volcano

Everybody wants it differently and nobody is really happy…

— NEW PLATFORM —

- Standard deployments
- Central management
- Off-site
- Scalable
- Flexible
- SECURE

ANSIBLE

WIREGUARD
FAST, MODERN, SECURE VPN TUNNEL

AlmaLinux

git

SQUID

HAPROXY

FreeIPA
Open Source Identity Management Solution

FOREMAN

How to patch remote sites in mixed environments?

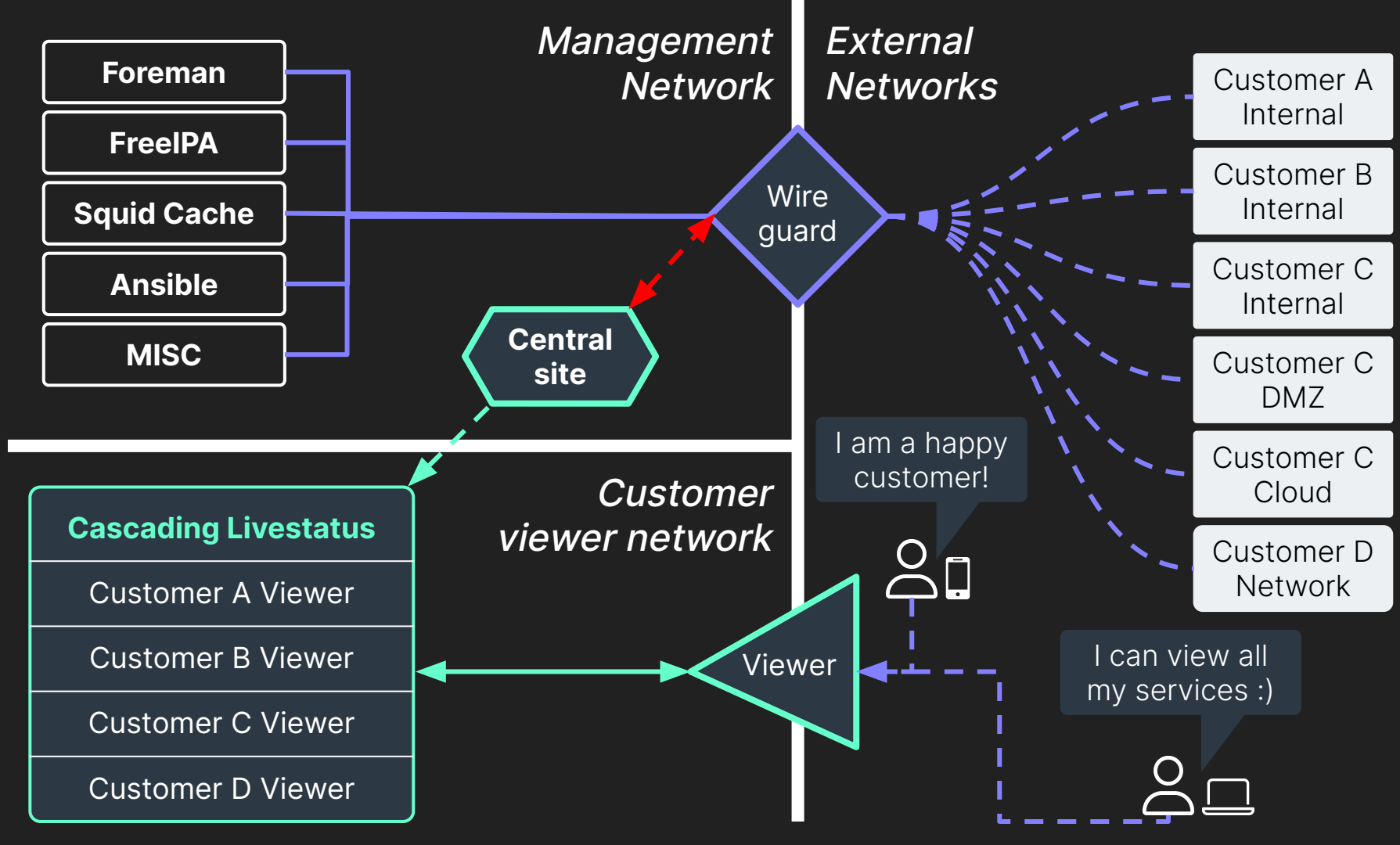
The challenge

- AWS
- Azure
- VM’s hosted at us
- VM’s hosted at customer
- Physical machines

Our solution

- Logical Volume Manager (LVM)
- Create snapshots of /opt
- Patch/update servers
- Delete snapshots

If update fails, rollback snapshot


Management Network
External Networks
Foreman
FreeIPA
Squid Cache
Ansible
MISC
Wire guard
Central site
Customer A Internal
Customer B Internal
Customer C Internal
Customer C DMZ
Customer C Cloud
Customer D Network
I am a happy customer!
Customer viewer network
Cascading Livestatus
Customer A Viewer
Customer B Viewer
Customer C Viewer
Customer D Viewer
Viewer
I can view all my services :)

Benefits of our set-up

- Remote sites connect via Wireguard
- Single port needed at customer
- All traffic is run over Wireguard
- Customer access Viewer
- SAML Authentication Customer

The future with Checkmk 2.3

Push Agents

- Reduce cost for us and our customers

Auto registration of agents

- Reduce implementation time