

TRAVIS WALENTIN

Senior Site Reliability Engineer

Cloud infrastructure, deployment automation, and production reliability

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PROFILE Senior Site Reliability Engineer in Oracle Cloud Infrastructure's Networking Services team. Led scalable infrastructure work and written deployment automation and operator tools for distributed cloud services.

TECHNICAL SKILLS

Infrastructure and cloud: Terraform, Ansible, OCI, Linux, bare metal, VMs, service configuration, and network routing.

Languages and delivery: Python, Go, bash/zsh, CI/CD, Docker, AI Agentic skills and configs, and deployment orchestration.

Testing and reliability: Configuration tests, cross-region connection canaries, end-to-end region build tests, health and artifact checks, monitoring, incident diagnostics, and Linux filesystem repairs.

Operations and collaboration: Host maintenance tools, runbooks, technical writing, onboarding, cross-team troubleshooting, and operational reviews.

PROFESSIONAL EXPERIENCE

Oracle Cloud Infrastructure | Dec 2019 - Present

Senior Site Reliability Engineer | Networking Services | 2021 - Present

Site Reliability Engineer | Dec 2019 - 2021

1. End to end full service deployment automation Co-developed Terraform automation for our team's deployments on a three-engineer team. The team has used it to deploy the service in over 100 regions worldwide. Replaced scripts, Ansible, and manual work requiring about 40 engineer-hours per build with an unattended deployment that completes in about two hours. Served as the team's subject matter expert for diagnosing and resolving new-region build failures.

2. Cross-region connection testing Implemented an external connection canary to test customer network paths across regions and separate cloud environments. This detected connectivity issues missed by existing monitoring, reducing response times from hours to minutes. Coverage expanded automatically with new regions and cloud environments, without manual onboarding.

3. Host ingestion and recycling Drove host-ingestion improvements that reduced failures from 50% to 10%. Implemented workflows that let operators recycle hosts with a single click. Improved our workflow to replace a host by automating manual steps, built-in error handling and retries and made it a full service reducing ingestion times by 50%. Used by others to replace the entire 1000+ host fleet with new machines that had the latest images.

4. SSH tools that grow with the service Automated SSH configuration and access to new regions, saving hours of manual setup per region. Refactored a second team's SSH access to follow the same approach, with host resolution and saved inventory when live lookups fail in the case of a dependency outage.

5. Fleet audits and disk reliability Drove a program to address bare metal disk-full incidents caused by logs, deployments, and application upgrades. Wrote a tool that checked over 1000 hosts and their partitions for expandability across regions in about five minutes. Built and tested online root-filesystem expansion with safety checks to address patching failures.

6. Bare metal to VM migration Helped migrate our service from bare metal hosts to VMs as part of the engineering team. Tested new images and VM instance types and updated application deployments to support the migration.

7. Network Infrastructure migration and regression testing Owned a hardware migration across different networking models. Onboarded the team to three new internal services and delivered an ephemeral test environment to catch regressions before future region builds.

ExtraHop | Oct 2017 - Nov 2019

Customer Support Engineer

- Remotely diagnosed and resolved ExtraHop appliance issues across Linux, physical hardware, virtual hosts, and the web interface, supporting deployments on VMware, AWS, and Azure.
- Troubleshot network feeds across the OSI model, including TCP, UDP, DNS, HTTP, and SSL, and helped customers investigate issues using the ExtraHop platform.
- Built diagnostic tools with Python, Go, Bash, PostgreSQL, and APIs to speed up root cause analysis.
- Developed full-stack proof-of-concept web services with React, Python, and Docker to improve internal workflows.

LEADERSHIP AND COMMUNITY

Accessibility advocacy Stopped a company-wide tooling rollout because it had not been tested for red/green color blindness and was difficult for affected employees to use.

Teaching and mentoring Volunteered as a coding instructor for high school students through an Oracle-sponsored program. Interviewed and mentored Ada Developers Academy interns and future hires.