

# Andrew Perlas

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## Profile

Technology professional with 9+ years of progressive experience in MSP, federal, and small business. My technical skills and high level of customer service throughout my employment at an MSP company resulted in the completion of over 12,000 customer tickets (the most in the MSP's history) and an overall personal NPS score of 93 rated by the clients I served. My expertise in Windows server administration and virtualization solutions, such as VMWare and Citrix AVD, were essential in supporting the Navy's IT infrastructure at Pearl Harbor Naval Shipyard.

I have been able to expand my skillset into the DevOps realm working with technologies such as Git, Google Cloud, and Docker in my current role as an IT Engineer at a game/software development company.

## Experience

### Professional

#### KOMODO Hawai'i | Honolulu, HI

##### IT Engineer/Systems Administrator | Jan 2024 – Present

- Lead the migrations of production web apps, hosting, and domains from legacy company infrastructure to modern cloud-based systems and accounts
- Partner directly with executive team members to establish IT operations and policies in areas such as security controls, network configuration, identity and access management, and endpoint management
- Collaborate with software devs to implement RBAC access control, enhance security with Cloudflare enterprise features, and establish infrastructure monitoring for a developing web product
- Analyze SaaS subscriptions and services to align with organization's business needs, thus reducing costs per month by thousands of dollars.

**Skills:** Google Cloud (IAM, Run, SQL, Secrets Manager) • Google Workspace • Github • Docker • Cloudflare (DNS, WAF, Zero Trust)

#### Client Solution Architects | Pearl Harbor Naval Shipyard, HI

##### System Administrator | Sep 2022 – Jan 2024

- Responsible for the administration, troubleshooting, and maintenance of the Citrix VDA environment used daily by staff of the Pearl Harbor Naval Shipyard
  - Perform monthly patching and application updates to images. Updated images are pushed out to the entire Citrix farm through provisioning and Machine Creation Services
  - Planned and executed the cutover of the existing Xenapp 7.15 farm to an updated Citrix 2203 farm
- Remediate security vulnerabilities identified by Nessus ACAS vulnerability scans
- Collaborate with various branches to specify firewall and HBSS rules for systems and apps to allow only necessary network traffic and protocols coming inbound and going outbound on servers
- Migrated services, such as DHCP and WSUS, running on Windows Server 2012 R2 operating systems to newer Windows Server 2019/2022 virtual machines hosted on VMware

**Skills:** Windows Server 2012r2 - 2022 • Citrix Virtual Desktops and Apps • VMware • Active Directory • DNS • DHCP • Patch Management • STIGs • PKI • ACAS • HBSS • Customer Service • Problem Solving • Teamwork

## TechMD | Santa Ana, CA

### Professional Services Consultant | Feb 2021 – June 2022

- Planned, managed, and executed on project deliverables designed to improve the IT infrastructures of our clients and leverage technology to increase end user productivity and business performance
  - Examples: On-premises server migrations to cloud solutions, configuration of virtual desktop environments through Azure and Citrix, replacing network firewalls/switches/access points
- Collaborated with stakeholders throughout the project to discuss technical information, timeline, and action items
- Automated a frequent project deliverable for migrations of user workstations to AzureAD using Powershell
  - This manual process of about 20 minutes per machine could be completed in 5 minutes by running a script
  - Use of the script allowed Consultants to complete this deliverable well under budget

**Skills:** Azure (AD, AVD, Virtual Machines, Virtual Networks, Cost Management) • Office 365 • Sharepoint • OneDrive • Exchange • Powershell • HyperV • Datto BCDR • VPN • NAT • ACLs • VLAN • SD-WAN • Documentation • Project Management • Communication

### Technical Lead/Escalations Analyst | May 2019 – Feb 2021

- Served as tier 3 level support for ticket escalation and as a direct escalation point of contact for client VIPs
- Worked on the most involved and challenging service team tickets including network cutovers, server outages, and main line of business application updates

**Skills:** Leadership • Customer Service • Problem Solving • Teamwork • Dell Sonicwall • Cisco Meraki • Ubiquiti UniFi • DRAC/iLo • Group Policy • Windows Server 2008 - 2022 • Active Directory • Powershell • SQL

### Team Lead | Apr 2018 – May 2019

- Mentored members of the service team on the technical and operational knowledge needed to achieve excellent customer service and to exceed our service level agreements
- Identified improvements with our business processes so that we could be more efficient and effective in areas such as driving long-standing open tickets to resolution and executing successful on-site client visits
- Provided best practice recommendations to our clients including upgrades to legacy hardware, migration of on-premises Exchange or files to Office 365, and establish secondary systems for increased business continuity

**Skills:** Leadership • Customer Service • Communication • Teamwork

## Projects

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### The Cloud Resume Challenge | 2023 - Present

- Created static website using HTML and CSS
- Provisioned GCP infrastructure for the website using Terraform
- Configured DNS for custom domain name directed to GCP static website endpoint - <https://resume.andrewperlas.com>
- Maintained version control on Github repo
- Applied CI/CD automation via Github Actions

**Skills:** Google Cloud • Terraform • Git • Github Actions • Markdown • HTML • CSS

### Homelab | 2021 - Present

- Configured UniFi networking equipment (gateway, PoE switch, and access points)
- VLANs created to segregate separate networks for guests, smarthome devices, and management
- Installed and maintain Ubuntu Server on Intel NUC for hosting docker containers running web applications (dashboards, UniFi controller, home automation)
- Repurposed old PC as a NAS running unRAID for RAID5 file storage and to run local virtual machines

**Skills:** Linux • Vim • Docker Compose • Ubiquiti UniFi • VLAN • unRAID

## Certifications

**CompTIA Security+ ce | July 2022**

## Education

**B.S. Management Information Systems | Aug 2010 - Dec 2014**  
California State University San Marcos