

ANDREW B. ZWIEG

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PROFESSIONAL SUMMARY

Senior Systems Administrator with 15+ years of experience architecting, automating, and supporting enterprise UNIX/Linux, virtualization, and storage infrastructure. Proven track record operating as a sole-owner IT team — covering networking, servers, helpdesk, and security — while modernizing legacy environments (VMware to Proxmox, Windows to Linux) and building infrastructure-as-code with Ansible. Deep background spanning Solaris/Oracle enterprise systems, high-availability design, and regulatory compliance (HIPAA, PCI, SOX, CIS). Comfortable working independently or mentoring junior admins in fast-paced, resource-constrained environments.

CORE TECHNICAL SKILLS

- Operating Systems: RHEL/CentOS Linux, Solaris 9–11, FreeBSD, Windows Server
- Virtualization & Cloud: Proxmox, VMware, Hyper-V, AWS, Terraform
- Automation & Config Management: Ansible, Puppet, IBM BladeLogic, Kickstart/PXE, Shell/Bash/Perl scripting
- Storage & Databases: NetApp SAN (CIFS/iSCSI, Data ONTAP), ZFS, MySQL, PostgreSQL, Oracle
- Identity & Networking: Active Directory, LDAP, Samba, MIT Kerberos, DNS/DHCP, LAN/WAN design
- Monitoring & Compliance: Nagios, Cacti, LibreNMS; HIPAA, PCI, SOX, and CIS compliance frameworks

PROFESSIONAL EXPERIENCE

Senior Systems Administrator & Helpdesk Lead | Columbus Chemical Industries Mar 2023 – Jul 2026

- Sole IT team owner responsible for networking, servers, helpdesk, and firewall operations for the entire organization
- Rebuilt VMware environment on Proxmox and migrated core Windows infrastructure to Linux, cutting licensing overhead
- Designed and implemented high-availability, multi-site infrastructure with all builds automated via Ansible
- Migrated Datacor ERP from on-prem to cloud hosting and integrated camera, badge, and fire alarm systems
- Developed custom in-house web applications (OPV, CAPA) and stood up DR replication for backups and PostgreSQL
- Rolled out REI3 helpdesk/knowledge base/asset management and enterprise monitoring (Nagios, Cacti, LibreNMS)

Senior UNIX Administrator | Sentry Insurance Sep 2021 – Mar 2023

- Managed enterprise UNIX configuration automation and CI/CD tooling using Ansible, Bitbucket, Packer, and Pulp
- Supported cloud and infrastructure-as-code initiatives with AWS, Terraform, and HPSA/HPOO

Database Administrator I / Senior UNIX Engineer | Medical College of Wisconsin Apr 2020 – Sep 2021

- Administered Solaris architecture and migrated authentication from VAS/Quest to Active Directory
- Developed unified Solaris/Linux templates and managed Solaris Zones/CDOM/LDOM HA configurations and ZFS storage
- Supported Oracle E-Business Suite, Tomcat/WebLogic instances, and performed rapid-clone environment refreshes
- Managed Oracle, PostgreSQL, and MySQL databases, including user/permission administration and troubleshooting

Senior UNIX Engineer / Solution Architect | MGIC, Inc. Sep 2014 – Apr 2020

- Provided Tier 3 UNIX/Linux support and solution design for Oracle RAC and enterprise MQ within a DevOps/Agile framework
- Led OS migrations (Solaris 9→RHEL5, Solaris 10→RHEL6, RHEL5→RHEL6→RHEL7) and Hadoop/Oracle installation and administration
- Managed LDAP, DNS/DHCP, Samba, and Postfix mail infrastructure; provisioned servers via Kickstart, BladeLogic, and Puppet
- Ran quarterly 24-hour DR exercises, led enterprise monitoring (Nagios, Cacti), and mentored junior Linux administrators

UNIX Administrator | ComSys, Inc. Oct 2013 – Sep 2014

- Administered CentOS/RHEL and mixed UNIX systems, LDAP, and BIND/DNS/DHCP/CUPS infrastructure
- Migrated environment from Linux to Windows/Active Directory and upgraded Zimbra mail for 300+ users
- Built and deployed PXE/Kickstart provisioning and administered Xen Server in HA configurations

Windows/UNIX Systems Administrator | Duncan Solutions Apr 2012 – Oct 2013

- Administered Oracle Linux (RAC, ADG, DG, OEM) and EMC SAN storage across a 200-node, 600-VM global datacenter
- Provided Tier 2 support for 2,000 end users and coordinated with DBAs on Oracle Linux/SAN configurations
- Managed PCI-scoped servers, backups/restores, and assisted with disaster recovery site setup

IT Systems Administrator | ANIMART, Inc., Beaver Dam, WI

Nov 2010 – Apr 2012

- Led datacenter relocation and stood up Hyper-V virtualization managed via SCVMM 2008
- Administered Exchange, SBS Server, NetApp FAS2020 storage, and Nortel PBX; achieved company PCI compliance
- Designed and implemented the company's disaster recovery program and standard operating procedures

Computer Repair Technician | Lightning PC, Oconomowoc, WI

Dec 2008 – Nov 2010

- Diagnosed hardware/software failures and provided phone, email, and on-site support for small business networks (1–300 PCs)
- Deployed Exchange 2010 and Windows Server 2008 R2 at multiple customer sites

Network Admin Assistant | DodgeLand School District

2005 – 2007

- Migrated Novell 6/GroupWise environment to Active Directory and Exchange; deployed Windows XP district-wide
- Ran classroom network cabling, patch panel configuration, and district helpdesk support

EDUCATION

Associate of Applied Science, Computer Network Systems

ITT Technical Institute, Greenfield, WI — Highest Honors, National Technical Honor Society, GPA 3.58 — Sep 2009