

IAN S. WALMSLEY

SENIOR SYSTEMS ENGINEER

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PROFESSIONAL SUMMARY

Senior systems engineer who architects, automates, and operates enterprise infrastructure across virtualization, cloud, networking, and storage — with deep specialization in enterprise VDI/EUC (OmniSSA Horizon 8, App Volumes, vSphere/ESXi). Builds automation in PowerShell, PowerCLI, and REST APIs that removes manual operations work and improves reliability at enterprise scale across finance, insurance, telecom, and manufacturing environments. Founder of a part-time consulting practice (\$375K+ cumulative revenue) delivering infrastructure architecture, cloud migrations, and automation to SMB clients. Maintains a 42U lab running a 6-node ESXi/vCenter cluster with 1.5 TB RAM.

CORE COMPETENCIES

Cloud & Systems: Microsoft Azure, AWS, Windows Server, Microsoft Entra ID (Azure AD), Intune MDM, Microsoft 365, Active Directory, GPO

Virtualization & EUC: OmniSSA Horizon 8, App Volumes, DEM, FSLogix, vSphere/ESXi, Citrix, ControlUp

Networking & Security: FortiGate, Cisco ASA, IPsec VPN, VLAN segmentation, NAT, pfSense, TCP/IP, DNS, Duo MFA, Zero-Trust access

Storage & Backup: ZFS, NexentaStor, Tintri, NetApp, Veeam, CommVault, S3

Scripting & Automation: PowerShell, PowerCLI, REST APIs, API-driven workflows, image lifecycle automation

AI-Assisted Automation: AI-accelerated PowerShell/PowerCLI development (Claude Code, Codex); self-hosted LLM tooling (Ollama, Open WebUI, LibreChat) for internal, data-resident automation workflows

Project Management: IT strategy, roadmaps, budgeting, migration planning, client consulting

PROFESSIONAL EXPERIENCE

Horizon Accelerator Engineer

10/2025 – 07/2026

Anunta Technologies (OmniSSA Horizon Accelerator Program)

- Owned Day-2 engineering and Tier 2/3 escalations for enterprise OmniSSA Horizon environments across compute, storage, networking, and identity layers.
- Resolved complex multi-layer VDI incidents through root-cause analysis, runbooks, and PowerCLI diagnostics.
- Automated recurring remediation and image tasks via PowerCLI and REST APIs to reduce repeat-ticket volume.

Founder & Principal Consultant

2015 – 07/2026

IANLAN LLC — Independent infrastructure consulting practice (part-time, operated alongside full-time engineering roles)

- Delivered end-to-end infrastructure architecture, systems integration, cloud migrations, and automation to SMB clients; generated \$375K+ in cumulative revenue since 2015.

Solutions Engineer / Architect

03/2023 – 04/2026

Skaletex Solutions LLC

- Architected OmniSSA Horizon 8 deployments with App Volumes 4.x and DEM for elastic scaling across distributed workforces.
- Automated image lifecycle and agent patching via PowerCLI and REST APIs, replacing a manual per-image process.
- Integrated Microsoft Entra ID, Intune, and Duo MFA for Zero-Trust access and hybrid identity compliance.
- Standardized the gold-image pipeline into a scripted, repeatable recompose workflow.

VDI Architect

06/2022 – 01/2023

Breezeline Communications

- Deployed Horizon 8, App Volumes, DEM, and FSLogix across vSphere infrastructure for an 800+ user expansion; integrated Duo MFA and ControlUp monitoring.
- Re-engineered FSLogix and DEM profile handling to clear logon-path bottlenecks; partnered with InfoSec to harden Horizon gateways with TLS 1.3 and MFA.

Sr. Desktop Engineer

03/2021 – 06/2022

Fidelity & Guaranty Life

- Led VDI roadmap design and implementation; drove Microsoft 365/Intune integration, App Volumes deployment, and endpoint-management strategy.
- Led hybrid Azure AD join rollout, improving device security posture and compliance visibility.

Sr. VDI Engineer

11/2020 – 03/2021

Federal Home Loan Bank of Des Moines

- Scripted refresh and recompose automation with PowerCLI; consolidated an environment running 48 gold masters.

Director of Information Technology

01/2019 – 12/2020

Performance Display & Millwork

- Owned all IT for the organization: architected a new network including inter-building fiber, server room, switching, and firewall; deployed vSphere 6.7 across three ESXi hosts; redesigned Active Directory and migrated all workstations to a new domain; migrated Exchange 2013 to Microsoft 365; managed Veeam with LTO retention; owned IT budget and forecasting.

EARLIER EXPERIENCE

Sr. Systems Engineer / Sr. VDI Engineer · *INTL FCStone*

01/2018 – 01/2019

Stabilized the Horizon View environment and authored an 18-month global VDI roadmap; migrated all pools from Windows 7 to Windows 10; deployed SecureAuth MFA in front of Horizon; managed Commvault backup and Tintri storage supporting the environment.

Systems Engineer · *NewWave Telecom & Technologies (contract originated with GDIT)*

09/2014 – 01/2018

VMware design, buildout, and maintenance across vSphere/ESXi, vCenter, Horizon View, vRealize Orchestrator, Log Insight, and vROps; Windows Server and Active Directory administration; PowerShell and PowerCLI automation.

Resource Allocation & Provisioning Engineer · *Atos*

06/2013 – 09/2014

Allocated datacenter compute, storage, and network resources for global deployment projects; managed deployment and break/fix teams; served on the Incident Task Force and the Standard Operating Procedure Task Force for worldwide datacenter operations.

EDUCATION & PROFESSIONAL DEVELOPMENT

Deep, progressive, hands-on enterprise infrastructure and engineering experience in lieu of a formal degree. Continuous self-directed training across Microsoft Azure and Entra ID, Omnisia Horizon, and infrastructure automation tooling.