Juan Enrique López Monteagudo

Systems & Network Administrator · Cybersecurity

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Driving licence Available immediately

Profile

Systems and network administrator specialised in cybersecurity. Experience with the Microsoft security stack (Microsoft Defender alerts, Defender Antivirus, Entra ID Conditional Access, Intune), log and alert analysis, incident response, perimeter security with SonicWall and Fortinet, VLAN-segmented networks, Azure, backups and 3CX IP telephony. I focus on keeping infrastructure secure, monitored and well documented.

Experience

Systems & Network Administrator · Proceso de la Información CLM — Jun 2025 – Oct 2026

- Microsoft security: alert follow-up in the Microsoft Defender portal and Defender Antivirus on Windows endpoints; occasional Intune work and basic Microsoft Purview.
- Microsoft Entra ID: Conditional Access policies and incident response to unauthorised sign-ins.
- Microsoft 365: user and licence management from the admin centre and Exchange Online.
- Azure: deployed and secured virtual machines with access restricted to authorised staff, and a site-to-site IPsec VPN between Azure and a SonicWall NSA 3700.
- SonicWall NSA 3700 and TZ 570 firewalls, occasional FortiGate work and WireGuard VPN tunnels.
- Corporate network segmented into more than 10 VLANs, with HP ProCurve and Aruba 6200M switches managed from HPE Aruba Central (main client) and MikroTik routers for other clients.
- Hybrid Active Directory and virtualisation with VMware vSphere and Proxmox.
- Backups with Veeam Backup & Replication and Acronis: running and validating them.
- Monitoring with Checkmk, inventory with OCS Inventory and custom dashboards built with AI assistance (Claude Code).
- IP telephony: deployment and troubleshooting of the 3CX PBX, with Grandstream and Yealink handsets, conference phones and video door entry systems.
- User support: handling and resolving day-to-day incidents.

IT Technician · Via Office — Jul – Sep 2024

- User-level management of the Velneo ERP database.
- Software installation and troubleshooting.

IT Technician intern (ASIR work placement) · Exadi Business — Apr – Jun 2023

- Built simple modules with Velneo (ERP and programming language).
- User support.

Administrative Assistant · Club de Tenis Albacete — 2018 – 2024 · summers

- Administrative tasks, simple databases and customer service.

Skills

Microsoft security	Microsoft Defender (alert follow-up) and Defender Antivirus, Entra ID with Conditional Access, Intune (occasional) and Purview (basic).
Log and alert analysis	Windows events, SonicWall firewall logs, Entra ID sign-ins and Checkmk alerts, with incident response.
Perimeter security	SonicWall NSA 3700 and TZ 570, Fortinet FortiGate, site-to-site IPsec and WireGuard VPNs, system hardening and Lynis audits.
Networking	HP ProCurve and Aruba 6200M switches, centralised management with HPE Aruba Central, MikroTik routers and VLAN segmentation.
Systems & cloud	Windows and Linux, hybrid Active Directory, Exchange Online, Microsoft 365 licensing and Azure virtual machines.

Virtualisation & backups	VMware vSphere, Proxmox VE with LXC containers, Veeam Backup & Replication and Acronis.
Monitoring & inventory	Checkmk and OCS Inventory; in the homelab, Uptime Kuma, Healthchecks.io and a custom dashboard.
IP telephony	3CX PBX (VoIP/SIP), Grandstream and Yealink handsets, conference phones and video door entry systems.
Scripting & other	Bash, PowerShell and SQL; Velneo (ERP).

Education

Specialisation course in Cybersecurity · IES Leonardo Da Vinci — 2024 – 2025

Higher National Diploma in Networked Systems Administration (ASIR) · IES Leonardo Da Vinci — 2022 – 2024

Spanish Baccalaureate in Health Sciences · IES Amparo Sanz — 2016 – 2018

Languages

Spanish native · English: limited working proficiency

Personal projects

- **A custom homelab dashboard.** Everything on one screen, on mobile too. scrypt passwords plus TOTP, CSRF checks, a strict CSP and a least-privilege Proxmox role.
- **Hardening with Lynis.** The hardening index rose 7 to 11 points on every system, the host from 62 to 72.
- **Backups and monitoring.** I hear about an outage before I notice it, and every service can be restored from last night's backup.
- **Remote access with a single open port.** The router only exposes the VPN port. Internal dashboards are invisible from outside yet use valid HTTPS.
- **Self-hosted cloud and media.** Files, photos and films at home, no monthly fees, and all of it inside the daily backups.
- **This site, secure by design.** Pages of a few KB, no cookies or third parties, deployed automatically on every change.

Portfolio and projects: jelopez.link · Blog: blog.jelopez.link