## Contact

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## Top Skills

IT Project Lifecycle
VMware Infrastructure
Backup Solutions

## Certifications

Marketing on Facebook
VERITAS Certified Administrator
Terraform for absolute beginners

# Andrei Miroslav

Infrastructure Lifecycle Engineer | VMware vSphere 8 | Veeam, Avamar & NetApp Expert
Bucharest, Romania

## Summary


Infrastructure Lifecycle Engineer with extensive experience in managing and modernizing enterprise VMware environments, NetApp storage, and multi-platform backup solutions (Veeam, Avamar, NetBackup). Specialized in orchestrating end-to-end upgrade processes, from software/hardware compatibility audits to live workload migrations with zero downtime. Expert in lifecycle planning and optimizing critical infrastructure to ensure service continuity and data integrity in high-availability architectures.


## Experience

### Thales

Infrastructure Lifecycle Engineer
March 2025 - Present (1 year 7 months)
Bucharest, Romania

Strategic Upgrade Orchestration: Design and execute infrastructure upgrade roadmaps, analyzing critical interdependencies between vCenter, ESXi versions, and data protection solutions (Veeam, Avamar) to eliminate incompatibility risks.

Infrastructure Modernization: Lead the transition from legacy hardware (e.g., HPE Gen9) to modern generations, managing the full flow of software installation, cluster configuration, and live workload migration (vMotion) with zero impact on service availability.

Compliance & System Integrity: Ensure systems meet the highest operational standards through version upgrades (vSphere 8.x) and virtual network alignment (vDS), maintaining a stable and secure environment.

Interoperability Validation: Validate each lifecycle stage through rigorous compatibility testing of backup functionality, reducing post-upgrade incident response time.

## Lidl România

6 years 5 months

### System Engineer

March 2021 - March 2025 (4 years 1 month)

Bucureşti, România

Mid and senior system engineering responsibilities in managing high-complexity infrastructure, supporting over 360 stores with on-premise hardware running virtualization for client-facing services centralized in the HQ enterprise datacenter.

Planned, deployed, updated, upgraded, and managed the lifecycle of server and storage environments, supporting over 600 virtual systems.

Administered and configured NetApp storage solutions using iSCSI and NFS protocols, effectively allocating resources to meet the demands of critical applications.

Managed the full lifecycle of VMware administration, including configuring and optimizing virtual machines, allocating resources (CPU, memory, storage), and ensuring high availability (HA) and fault tolerance (FT).

Proficient in using monitoring systems such as Nagios and Grafana for tracking and analyzing system performance.

Automated tasks using PowerShell, such as starting services, modifying registries, and verifying folder structures, improving operational efficiency.

Implemented backup solutions with NetBackup, managing restores and troubleshooting failed backup jobs.

Monitored and maintained DNS, DHCP, DFS and AD services in Windows Server environments, ensuring stable network services and minimizing downtime.

Configured and managed VMware snapshots for rapid restores, integrating them into backup processes to protect critical data.

Utilized VMware vMotion to perform live migrations of virtual machines between hosts, ensuring zero downtime during maintenance and hardware upgrades.

Handled IT incident management through ServiceNow, efficiently monitoring and resolving infrastructure issues to minimize operational impact, takeover incident handling, troubleshooting and aggregating teams for solution driven task force organisation in high availablity environment

### IT Support Technician

November 2018 - March 2021 (2 years 5 months)

Bucharest, Romania

Led the successful migration of over 1500 workstations and laptops from Windows 8.1 to Windows 10, ensuring minimal downtime and seamless transition across multiple national locations

Managed both support tasks and project management for client devices, supporting over 10,000 users across 300+ server systems. Handled requests and incidents in ServiceNow, covering 20+ core business processes and 40+ applications, while ensuring maximum uptime and reliable performance in high-availability client-facing environments through proactive maintenance and robust system management practices

Installed, configured, and managed Microsoft environments, including Windows Server and Office suites, resolving complex technical issues, which reduced support requests and improved system uptime.

Installed and managed over 1000 desktop setups, improving office connectivity and reducing setup time through efficient cable management and hardware configuration

Provided remote and on-site support for over 200 users monthly, resolving software and hardware issues with an average resolution time of 24 hours, improving user satisfaction and operational efficiency.

Delivered first-level support for HQ and second-level support for stores, handling over 200 support incidents monthly, maintaining a user satisfaction rate of 100% across all teams

Configured mobile terminals for over 500 devices in Workspace, streamlining mobile device management and reducing deployment time

Managed and optimized IT equipment preparation and deployment, maintaining accurate inventory records and reducing deployment delays through efficient resource management.

Diagnosed and repaired hardware failures, ensuring optimal system performance for 500 users, installing new components, and conducting regular maintenance to prevent system downtime

Installed and configured a wide range of software packages, including open-source and licensed solutions, improving system functionality and reducing operational costs for clients

## Vivre DECO

### System Administrator

March 2015 - October 2018 (3 years 8 months)

București, România

Led the deployment and management of Cisco infrastructure for two warehouses and an office building, ensuring reliable network connectivity and supporting over 100 users, with later expansion to a second office building.

Designed and deployed IT infrastructure for two warehouses and multiple office buildings, including network equipment, a Synology file server, and over 100 workstations, optimizing data access and network stability for all users.
Integrated and upgraded IT solutions, modernizing network switches and routers across two warehouses and office buildings, improving network performance by 40% and ensuring continuous operations.
Assembled and upgraded over 100 computing systems, transitioning them to Windows 7, 8.1, 10, and Mac OSX 10.11, ensuring seamless system functionality and reducing downtime by 90%.
Configured and managed a Synology file server, improving file access and data security for over 100 users, streamlining data sharing and backups across all locations.
Managed procurement and maintenance contracts for HP printing equipment, reducing costs by 40% and ensuring consistent maintenance, improving equipment availability by 70%.
Procured and maintained IT and office equipment across warehouses and office locations, ensuring full operational capacity and minimizing equipment downtime.
Coordinated technical teams for telecom and security system installations across two warehouses and office buildings, ensuring timely project completion and secure communication systems for all locations.
Installed and configured 150 IP cameras across two warehouses, enhancing security and providing 24/7 surveillance to safeguard company assets and reduce theft risks.

## Education

### Academia de Studii Economice din București
E-business · (2013 - 2015)

### Universitatea Petrol-Gaze din Ploiești
Bachelor's degree, Accounting and Computer Science · (2010 - 2013)