



Davide Magi

CLOUD & INFRASTRUCTURE
ENGINEER

ABOUT ME

Cloud & Infrastructure Engineer with 5+ years of experience in Linux systems, cloud infrastructure, and enterprise virtualization. Worked on large-scale environments for major Italian Telcos and enterprises, with hands-on experience across OpenStack, OpenShift, and VMware. Delivered full infrastructure deployments for enterprise clients, including VMware stacks. RHCSA and OpenShift certified. Currently serving at Deda Connect.

CONTACTS

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LANGUAGES

Italian – Mother tongue
English – Advanced

Based in Rome, Italy
Age: 25

EXPERIENCES

2020
2025

ScaiConnect

Five years managing **Linux systems** and **OpenStack** platforms for major Italian Telcos (**Wind3**, **CoopVoce**, **PosteMobile**), working on a distributed infrastructure spanning **over 20 datacenters** across Italy. Day-to-day work covered the full stack: **OpenStack** core services (Nova, Cinder, Neutron, Glance, Heat), **Kubernetes** orchestration, **SDN** via **OpenDaylight** and **OVSD**, **Juniper** (JunOS) and **Pluribus NRU** switches, **NexentaStor** and **ScaleIO** (PowerFlex) storage, **Commvault** backup, **Corosync/Pacemaker** high-availability clusters, and hardware-level diagnostics via **IPMI**.

2025
Present

Deda Connect

- Infrastructure deployment for **CYTA Mobile**: administration of **Ericsson CEE/SDI** and **CCD (Kubernetes)** environments, system upgrades, and production of technical documentation (**LLD/HLD/MOP**).
- Providing an **internal company Linux course**, covering foundational Linux topics for colleagues.
- Preparation of a **Proof of Concept** in a test environment: installation of a two-node **OpenShift** cluster with arbiter and configuration for VM migration from **VMware** to **OpenShift Virtualization**.
- Deployed and configured a complete **VMware** infrastructure for **ENEL**, Italy's leading energy company, including **vSphere/ESXi**, **vCenter Server**, **vSAN** and **vDS**, delivering a high-availability virtualization environment in a large enterprise context, including technical design documentation (**LLD/HLD**).

RHCSA

Advanced skills in Red Hat Enterprise Linux (RHEL) administration and management. Experience includes LVM configuration, user and permissions management, and SELinux. Proficient in Autofs, storage management, networking, and systemd. Skilled in containerization using Podman, bash scripting for automation, and configuring essential services for enterprise environments.

[Certification Link](#)

EX280 – OpenShift Administration

Red Hat Certified Specialist in OpenShift Administration. Skills in deploying, configuring, and managing OpenShift Container Platform clusters. Proficient in application lifecycle management, workload deployment via DeploymentConfigs and Helm, networking with Routes and Services, RBAC security policies, persistent storage management, and cluster maintenance in enterprise Kubernetes environments.

[Certification Link](#)

OCI Foundations

Core competencies in OCI resource management, including VCN configuration and IAM security. Proficient in provisioning compute instances, managing block/object storage, utilizing OCI Console/CLI, resource monitoring and cost management within the Oracle public cloud.

[Certification Link](#)

Cloud Infrastructure & Orchestration

- **OpenStack Ecosystem:** Day-to-day management of virtual machines for end clients: instance provisioning, live and cold migrations, evacuations, and rebuilds via CLI (**Nova**). Storage operations with **Cinder**: volume creation, attachment, resizing, and snapshots. Network management via **Neutron**: port configuration, floating IP assignment, and network troubleshooting. Image management with **Glance** and stack orchestration with **Heat**.
- **Containerization:** Support and troubleshooting of containerized environments on **Kubernetes**. Day-to-day use of **Docker** and **Podman** for container management and debugging.

Networking & SDN

- **SDN & Controllers:** Support and troubleshooting on **OpenDaylight**-based SDN infrastructures, working on **OVSD** entries at the server level to diagnose and resolve connectivity issues.
- **Network Hardware:** Support and troubleshooting on **Pluribus NRU** switches: diagnosing fabric issues and resolving **MPO** interface problems at the physical layer.
- **Juniper Networks:** Management of **Juniper** devices via **JunOS**: interface administration, cluster management (**EAS**), and configuration changes on production network equipment.

Storage & High Availability

- **Distributed Storage:** Administration of **ScaleIO** (PowerFlex) clusters: managing storage pools and devices, adding and removing resources, and performing maintenance operations on production distributed storage.
- **NexentaStor:** Management of **NexentaStor** clustered pools via CLI and **NexentaFusion**: pool and dataset administration, snapshot management, and troubleshooting of storage availability issues.
- **High Availability:** Configuration and troubleshooting of HA clusters with **Corosync** and **Pacemaker**: resource management, failover handling, and diagnosis of split-brain situations in production environments.

Hardware Management

- **Server Health, IPMI & iLO:** Remote hardware diagnostics and management via **IPMI** and **HPE iLO**: monitoring server health (fans, temperatures, PSUs), resetting unresponsive nodes, and resolving hardware-level failures without physical datacenter access.

AI Tools

- **Agentic AI:** Daily use of agentic AI tools and workflows (**Claude Code**). General understanding of how large language models work, prompt engineering, and AI-assisted task automation. Personal experimentation with locally-run LLMs (**Ollama**, **Open WebUI**).