



OPEN SOURCE IS THE FOUNDATION. OPERATIONS ARE THE PRODUCT.

Anyone can download the tools. Production private cloud is the hard part.

Apache CloudStack, OpenStack, Ceph, KVM, Kubernetes, and Proxmox are strong building blocks. ZSoftly turns those foundations into a managed operating model for real workloads, real recovery, and real support.

1

Open-source foundation

CloudStack, OpenStack, Ceph, KVM, Kubernetes, Proxmox

2

Operating controls

Monitoring, backup, DR, staging, access, network policy

3

ZSoftly engineering

Design, build, upgrades, incidents, lifecycle planning

Why teams like open source

The attraction is real. Open foundations can change private cloud economics.

- Lower licensing pressure compared with proprietary virtualization and cloud stacks.
- Architecture that fits workload, storage, networking, compliance, and jurisdiction needs.
- Transparent software that can be inspected, audited, extended, and integrated.
- Less dependence on a single vendor roadmap or renewal cycle.
- Better portability across your facility, ZSoftly, and compatible environments.
- A proven ecosystem used by hosting, telecom, enterprise, and service-provider teams.

Where DIY gets expensive

The licence is not the full cost. The work moves into operations.

- Compute, storage, networking, identity, and upgrades must work as one system.
- Capacity planning, patching, monitoring, documentation, and incident response need owners.
- After-hours failures still need skilled support when storage or networking breaks.
- Backup, replication, failover, and restore testing must be designed and practiced.
- Staging, upgrade validation, rollback planning, and security hardening add real work.
- Portal, billing, alerts, backup, identity, and automation can become fragmented.

What ZSoftly adds

A managed experience on open-source foundations, built for production.

- Dedicated cloud engineers to design, build, operate, and improve the environment.
- Integrated operating model across virtualization, Ceph storage, networking, VPN, firewalls, backup, and monitoring.
- Production support for troubleshooting, upgrades, capacity planning, and incidents.
- Staging, backup, disaster recovery, and restore validation before production changes.
- Security controls, auditability, segmentation, access policy, and lifecycle planning.
- Cloud platform operating experience from ZSoftly Cloud Platform, not lab-only deployments.

Staging

Validate upgrades and changes before production.

Recovery

Backup, DR, restore testing, and runbooks.

Support

Skilled operators when infrastructure becomes urgent.

Control

Lower lock-in with documented open foundations.

Bottom line: open source gives you control. ZSoftly Private Cloud adds the engineering, support, recovery planning, staging, security, and operational discipline needed to run it as reliable production infrastructure.

Start a scoping conversation
zcp.zsoftly.ca