

LAUNCHING Q2 2026

CIQ Secure Stack

Deploy STIG-certified infrastructure in hours, not months.
Pre-configured compliance, automated hardening, and
hybrid cloud orchestration built on Rocky Linux from CIQ.

[Join Early Access](#)

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Enterprise Linux built by the Rocky community, optimized and hardened by CIQ

Proactive

Pre-configured against key threat vectors with LKRG kernel protection, hardened memory allocation, and automated compliance enforcement.

Current

Always up to date with Rocky Linux releases, automated security patches, and CVE remediation with defined SLAs.

Fast

Deploy production infrastructure in 15 minutes. Pre-hardened configurations eliminate manual security work.

Deploy anywhere

Infrastructure-agnostic platform works on cloud, on-premises, or hybrid with unified orchestration.

Cloud marketplace

1-click deployment from AWS, Azure, or GCP. Usage-based billing or BYOL licensing.

On-premises

ISO installer with Ansible playbooks. Supports bare metal, VMware, and OpenStack.

Hybrid cloud

Fuzzball orchestrates across on-prem and cloud with unified control plane.

Platform components

Five-layer architecture combining hardened OS, containers, and orchestration.

1

Hardened base OS

Rocky Linux from CIQ - Hardened with LKRG kernel protection, DISA STIG-certified, FedRAMP packages, SELinux enforcing, FIPS 140-3 crypto.

2

Hardened containers

STIG-certified userspace images (80MB-600MB). Cryptographically signed, published to Docker Hub, Quay, AWS ECR.

3

Container runtime

Apptainer rootless, daemonless execution. FIPS 140-2 mode, SELinux enforcement, GPU pass-through.

4

Compliance automation

STIG/CIS/NIST 800-171 configuration. Drift detection, auto-remediation, attestation reports via Ascender Pro.

5

Workload orchestration

Fuzzball Kubernetes-compatible orchestrator. RBAC, eBPF network policies, encrypted secrets, hybrid cloud across on-prem and multi-cloud.

Compliance frameworks supported

DISA STIG

284+ controls configured. 95%+ compliance from first boot via OpenSCAP.

FedRAMP High

Baseline controls: audit logging, MFA, boundary protection, integrity verification.

FIPS 140-3

Validated modules for kernel crypto, OpenSSL, NSS. Federal encryption compliance.

NIST 800-171

110+ requirements for DoD contractors. Automated playbooks for all controls.

CIS Benchmarks

Level 1 and 2 with 150+ automated controls for servers and workstations.

Common Criteria EAL4+

Independent security evaluation. Architecture validation. Delivery Q3 2026.

How CIQ Secure Stack compares

Capability	OpenShift	Rancher	Chainguard	CIQ Secure Stack
STIG Compliance	Post-hardening	DIY	N/A	Day 0 certified
Container Security	Basic hardening	Third-party	Minimal images	Two-layer defense

Deploy Time	60-90 days	30-60 days	Fast	15 minutes
Price/Node/Year	\$1,230-1,800	\$1,200-1,400	\$500-1,200	\$1,500
Pricing Model	Per-node	Per-vCPU	Per-image	Per-node
Infrastructure	Separate/cloud	Multi-cluster	Containers only	True hybrid
Base OS	RHEL/CoreOS	BYO or SLES	Wolfi (minimal)	RLC-H

Target deployments

Federal and defense

FedRAMP and DISA STIG with 60-90 day hardening eliminated. NIST 800-171 for 300,000+ DoD contractors.

Healthcare

HIPAA compliance with hybrid cloud for genomics and drug discovery. GPU optimization for AI research.

Financial services

PCI-DSS and SOX compliance. 20-30% lower cost than OpenShift with performance requirements.

Research institutions

Universities and national labs requiring compliance automation with HPC workload support.

Security and compliance by the numbers

15 min

Deploy STIG-compliant infrastructure vs. 60-90 days manual hardening

94-96%

STIG compliance automation (NSA production via Barricade)

\$8.8M

Average open-source license violation cost. CIQ indemnifies.

Pricing

Components

Pick what you need

\$800-1,200

per node/year

- ✓ RLC-H base: \$800/node
- ✓ Containers: +\$200-400
- ✓ Ascender: \$105/node
- ✓ Fuzzball: \$400-600/node

- ✓ Buy individually

BEST VALUE

Platform Bundle

Early access discount

\$1,200

per node/year

- ✓ All components included
- ✓ Pre-integrated stack
- ✓ 1-click deployment
- ✓ Save \$300-900/node
- ✓ 20% off (\$1,500 standard)
- ✓ Q2 2026 launch

Enterprise

Volume pricing

Custom

500+ nodes

- ✓ Multi-year contracts
- ✓ Dedicated support
- ✓ Custom integrations
- ✓ SLA guarantees
- ✓ Training included

Expert support included

Decades of experience securing Linux in federal, defense, and enterprise environments.

Enterprise support

24/7 coverage with 2-hour SLA. Direct engineering access during early access.

Migration assistance

Free migration from OpenShift, Rancher, or DIY Kubernetes for early access customers.

Compliance consulting

Architecture reviews, security assessments, attestation reports for federal authorizations.

Training

Instructor-led courses for platform administration, compliance automation, container security.

Join early access program

Limited to 25 organizations. 20% discount, design partner status, beta access April 2026.

Name



Work Email

Organization

Estimated Node Count

50-100 nodes

Compliance Requirements

DISA STIG, FedRAMP, NIST 800-171, PCI-DSS

Submit Application

Non-binding application. CIQ contacts you within 1 business day.

Contact the platform team:

(800) 220-5243 | info@ciq.com

Products

Rocky Linux

RLC-Hardened

RLC-AI

Ascender Pro

Fuzzball

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