CloudControl

Comprehensive security for hybrid multi-cloud environments

Product Overview

Entrust CloudControl is a powerful solution that reduces risk through visibility and policy. As IT environments transition to hybrid cloud, security architectures must undergo a corresponding transformation. Deploying point solutions that each address a particular infrastructure type just leads to higher costs and inconsistent protection. CloudControl addresses the need for a comprehensive solution by providing a unified framework for security and compliance across the hybrid cloud – reducing both risk and operational overhead. Originally developed as the industry's leading solution to protect applications and data in VMware virtualized datacenters, CloudControl also delivers security for public cloud and containerized environments.

Benefits

Consistency is key to operationally efficient security and compliance. Unlike fragmented approaches, Entrust CloudControl provides comprehensive capabilities in a unified policy framework that delivers superior value and minimizes staff time focused on operational assurance.

- **Decreased risk of security or availability failures.** Gain full-stack multi-dimensional policies and industry-leading administration controls to protect against insider threats, spear phishing against IT staff, and human errors that cause downtime

- **Improved agility for virtualized datacenters, public and private clouds.** Aquire "write-once, apply anywhere" policies that support consistent controls and eliminate manual efforts

- **Lower operational overhead.** Eliminate multiple consoles and inconsistent security constructs, and gain Trust Manifests that provide "security as code" automation

- **Efficient full-stack compliance.** Get built-in templates for PCI, NIST 800-53, HIPAA, FedRAMP, DISA STIG and more. The solution also provides workload placement controls, logical segmentation, and robust audit trail and reporting that supports control validation

- **Improved visibility and operational awareness.** You gain insight with forensic quality logs for incident response root cause analysis and intent context.
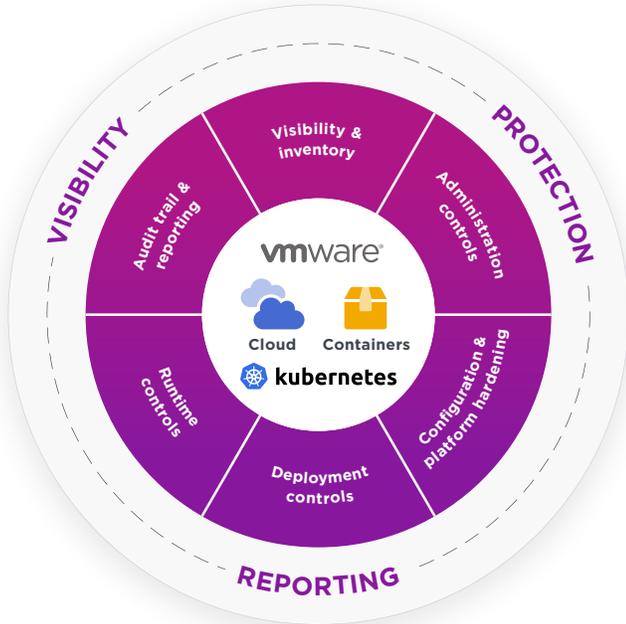
Solution highlights

- Comprehensive security and compliance across virtualization, public cloud, and containers

- Over 20 capabilities in a single solution

- Unified policy, visibility, and administrative guardrails

- Built-in compliance templates & robust reporting

- Secure separation of workloads

- "Security as code" automation for DevSecOps

Learn more about CloudControl at entrust.com

Entrust CloudControl

Comprehensive capabilities

Entrust CloudControl drives security, compliance, and availability across six key areas.

VISIBILITY

- Visibility & inventory
- Audit trail & reporting

PROTECTION

- Administration controls
- Configuration & platform hardening

- Runtime controls
- Deployment controls

vmware

- Cloud
- Containers
- kubernetes

REPORTING

Protect applications and data

Prevent disruption due to administrator errors

Meet compliance requirements with low operational overhead

Produce audit-quality logs to support incident response

Comprehensive risk management

CloudControl offers more than 20 capabilities which can be customized to meet any organization's desired risk posture and control activity requirements.

Visibility and inventory	Administration controls	Configuration and platform hardening	Deployment controls	Runtime controls	Audit trail and reporting
• vSphere & NSX, public cloud, containers, and Kubernetes • Discovery • Inventory and security context	• RBAC • ABAC • Secondary approval • Root password vaulting • Two-factor authentication and IAM integration	• Configuration best practices • Compliance templates	• Workload placement and segregation • Security best practices • Image assurance • Boundary control • CI/CD integration	• Policy re-scan • Real-time alerts • Automatic remediation	• Forensic quality change log • Cross-platform logging and search • Recommendation and executive summary reports • SIEM and ITSM integration

Feature spotlight: automating operations best practices

Cloud and virtualization drives agility, but guardrails are needed to avoid mistakes. It is common knowledge that operator errors are frequently the culprit for outages or security gaps. CloudControl supports the industry's most sophisticated automation of operational best practices to lower risk and drive availability:

- Highly granular attribute and role-based administrator authentication and authorization

- Least privilege policy enforcement

- Environmental hardening

- Separation of duties assurance

- Secondary approvals for high-risk changes
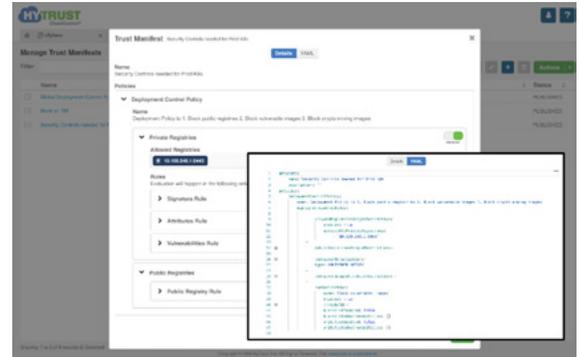
- Root password vaulting

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Entrust CloudControl

Accelerate digital transformation

Traditional security models depend on human-driven security policies based on relatively static object definitions. This paradigm is no longer viable because IT is expected to be much more agile, whether on-premises or in the cloud. Entrust CloudControl empowers organizations with agility in multiple dimensions.

- Security policies can be written independently of underlying infrastructure and translated into actual controls based on workload location

- Logical segmentation automatically enforces workload placement policies based on multiple attributes

- Policies can be integrated into DevOps style CI/CD environments using "security as code"

- All functions can be automated and integrated using open APIs

Trust Manifests create "security as code" YAML policies

Proven, scalable risk management

Entrust pioneered advanced security for managing virtualized data centers and has scaled to meet the needs of mid-sized and large enterprises and public sector organizations. As architectures have evolved from virtual to software defined, private cloud – and now hybrid multi-cloud – CloudControl continues to be the leading option for lowering risk of data loss or downtime due to compromise or abuse of the administration interface. Entrust also continuously innovated broader capabilities across multiple dimensions, while maintaining unified policy and visibility. As a result, organizations can be assured that CloudControl is a superior strategic choice for risk management and avoiding an endless parade of point solutions with limited lifespan.

Comprehensive dashboards and reporting for efficient operations

Learn more at
entrust.com

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