

Comprehensive and Unified Solutions for Physical and Cloud Infrastructure Automation and Management

Maximize IT investments by building your own clouds

Today's organizations are implementing cloud computing solutions for competitive advantage and cost savings. There is a need for more flexible, service-centric and agile IT organization to dynamically shift the allocation of infrastructure resources in response to business needs. By increasing the level of automation to provision, deploy and manage applications in data center, organizations can drastically reduce operational costs and improve operational efficiencies. When managed properly, the use of a virtual infrastructure can help reduce costs, simplify administration, and better align IT departments with the business needs. Organizations need complete virtualization management capabilities to realize all of virtualization potential benefits.

Cloupia cloud solutions allow organizations to leverage existing IT investments by transforming current static infrastructure to private clouds, and then adding public clouds over time, so organizations are not forced to abandon existing capital investments. By enabling seamless operation across heterogeneous hypervisor technologies and cloud vendors, organizations avoid vendor lock-in and leverage their purchasing power in a multi-vendor environment to take maximum advantage of dropping virtualization related costs. This, together with IT process automation and centralized management, reduces operational expenses. Also, with proactive fault detection, corrective actions and self-healing, organizations can minimize expensive over-time IT costs associated with manual fault detection and repairs.



Comprehensive Physical, Virtual and Cloud
Infrastructure Management

Key Offerings

Enterprises

- ❖ Private Cloud Automation and Management
- ❖ Hybrid Cloud Automation and Management
- ❖ Data Center Automation – Physical & Virtual Infrastructure Provisioning
- ❖ Cloud in a Box using Cisco UCS, NetApp & VMware
- ❖ Cloud Operations
- ❖ IT as a Service

Service Providers

- ❖ Public IaaS Cloud Automation and Management
- ❖ Cloud in a Box using Cisco UCS, NetApp & VMware
- ❖ Cloud Operations

Key Capabilities

- ❖ Self-service Portal
- ❖ Automated adaptive provisioning
- ❖ Multi-tenant Security
- ❖ Single pane of glass
- ❖ Continuous capacity monitoring
- ❖ Chargeback
- ❖ Orchestrator & workflow designer
- ❖ CloudSense Analytics
- ❖ Multi-hypervisor support
- ❖ Multi-cloud support

Key Benefits

- ❖ Faster time-to-market
- ❖ IT agility
- ❖ Improved Service levels
- ❖ Enhanced operational efficiencies
- ❖ Reduced infrastructure costs

Self service Portal

The CUIIC self-service portal provides on-demand provisioning and access to shared infrastructure resources via service catalog. End users can create, deploy and reconfigure servers and applications in minutes. The Self-service dashboard provides complete visibility into provisioned applications resource utilization, accounting & associated costs.

Adaptive Provisioning

The CUIIC considers real-time capacity information, internal policies and application workload requirements to provision the right resources for application optimum performance. The CUIIC enables IT to set and enforce policies to ensure the enterprise-wide compliance.

Unified Interface

Administrators can monitor, provision and manage infrastructure across physical, virtual and cloud environments via unified interface. The visualization tools such as unified dashboard, reports and heat maps drastically reduce troubleshooting times and performance bottlenecks.

Chargeback

The CUIIC enables business units to allocate, account, monitor and report resource usage and associated costs. Business units gets the visibility about how much they are paying for resources and how much goes for unused, allowing them to optimize resource consumption and costs.

Dynamic Capacity Management

The CUIIC continuously monitors and provides visibility into infrastructure resources consumption in real time. It significantly improves capacity planning and management. The automated performance monitoring can generate reports to help identify under and over-utilized assets.

Multi-Hypervisor and Multi-Cloud Support

The CUIIC supports multiple hypervisor systems - VMware, Hyper-V & supports public clouds - Amazon, Rack Space and vCloud based SP clouds. Cloupia is planning to support other hypervisor platforms and public clouds in the future.

Compute Management

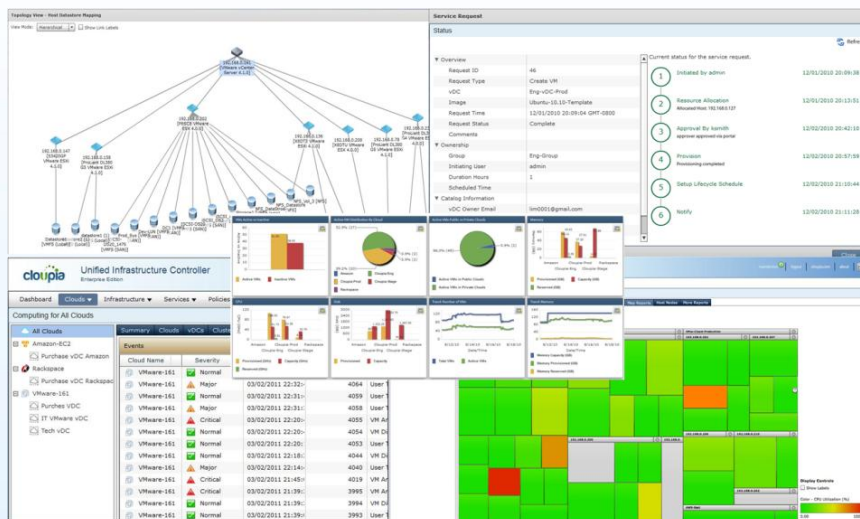
The CUIIC monitors, manages and provisions physical and virtual servers from a single pane of glass. It also provides bare metal provisioning and blade power management. End users can perform VM lifecycle and snapshot management. It enables admins to perform server utilization trending analysis

Network Management

The CUIIC monitors and manages physical and virtual network from a single pane of glass. It enables policy based provisioning of physical and virtual switches. Admins can configure VLANs, vNICs, port groups, and port profiles. Admins can also configure IP/ DHCP allocation and ACLs across network devices. The CUIIC provides dynamic network topologies.

Storage Management

The CUIIC monitors and manages physical and virtual storage from a single pane of glass. It enables policy based provisioning and management of filers, vFilers, LUNs and volumes. Admins get complete visibility into organizational usage, storage trends and capacity analysis.



What our customers are saying?

“Most comprehensive private cloud solution with deep functionality”

“Addressed multi-tenancy and security aspects”

“Many dynamic reports and performance analytics for in-depth visibility”

“Able to automate complex workflows using CUIIC orchestrator”

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About Cloupia

Cloupia, a cloud automation and management software provider, offers suite of cloud computing products and solutions to power the next generation dynamic data centers. Cloupia helps organizations to smoothly evolve from static data center to private and public cloud environments with the necessary tools and automation.

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