

Ubuntu Enterprise Cloud

Public and private cloud unified

Cloud computing is simply the ability to assign tasks to a flexible, ultra-high capacity 'cloud' of networks, servers, storage and applications. Ubuntu Enterprise Cloud (UEC) computing gives your business unprecedented control over its IT services by allowing you to build a private cloud that can scale into public clouds.

UEC is scalable

- Only pay for what you use
- Allocate more capacity only when you need it
- Allocate more instances only when you need them
- Don't waste power on unused hardware

UEC is free and Open Source

- Open source software with no licensing fee
- Ensures no vendor lock-in
- Benefit from regular updates

UEC is standards based

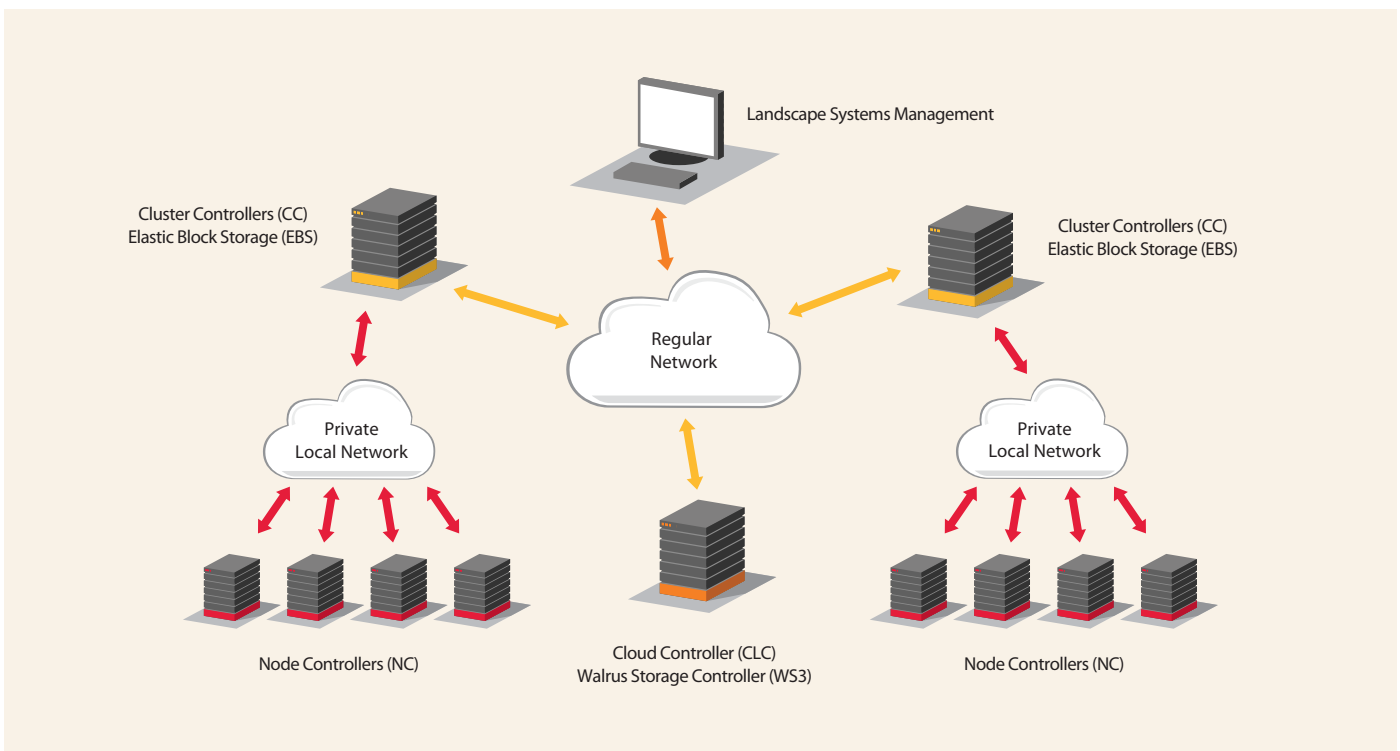
- Use the same API on public (Amazon's EC2) or private cloud
- Use the same machine images (UEC images) on public or private cloud
- Choose from an ecosystem of management tools that work equally well on both your public and private cloud

The best of both worlds

Private cloud: Ubuntu Enterprise Cloud	Public cloud: Ubuntu on Amazon EC2
<p>A private cloud build within a company firewall. Gives added assurance to businesses where data security, governance and compliance concerns are paramount.</p> <p>Ubuntu Enterprise Cloud (UEC) is one of the many functions deployable with Ubuntu Server Edition. UEC is the integration of several open source projects (KVM, Libvirt, Eucalyptus, Pownap, etc...) to help businesses create and experiment with a cloud environment inside their firewall.</p>	<p>A public cloud is ideal for organisations which need flexible, on-demand services beyond the capabilities of their in-house hardware.</p> <p>Amazon's Elastic Computing Cloud (EC2) with Ubuntu Server Edition images enables businesses to build and deploy open and dynamic virtual systems on almost any scale. Amazon charges you based on your actual usage, not on your peaks.</p>
Compatible services	Compatible images
<p>Use the same storage and network services on UEC as you would on Amazon EC2.</p>	<p>Use the same images on Amazon EC2 as you would on UEC private cloud: UEC images.</p>

The benefits of Ubuntu Enterprise Cloud

- **Quick to deploy:** Deploy a base infrastructure on your own hardware in less than 20 minutes. Configuration information cascades automatically from parent to children elements of the infrastructure. Add additional nodes in a matter of minutes.
- **Maximise your resources:** Multiply your possibilities without adding complexity. Benefit from multi-tenancy to allow more freedom of choice for your users, letting them choose their environment to best suit their needs. Consolidate existing workloads on the same hardware.
- **Reduce provisioning hassles:** Letting users define the virtual machines they need and delivering this to them in a matter of seconds will reduce your provisioning costs and increase user satisfaction.
- **Decrease your costs:** Reduce new hardware purchases and energy bills. Serve multiple needs with the same infrastructure that goes to sleep when it is unused but remains ready to respond to an increased load in a matter of seconds.
- **Limit your risks:** Organisations realise that using public cloud solutions can place their sensitive data at risk. Offering you the same functionality within your firewall will keep your information safely protected by your existing security infrastructure.
- **Evaluate freely:** UEC is fully functional, simple to use and deploy, free and open source software that you can evaluate on your own hardware. UEC has no hidden costs.
- **Enterprise ready:** Additional tools available from Canonical partners provide all the management capabilities to match the requirements of the largest organisation. Canonical also provides consultancy, training and technical support to help you get the most out of UEC. UEC is rock solid software that is backed by a complete offering from Canonical and its partners.



To find out more about UEC and to download the UEC Architecture white paper visit: www.ubuntu.com/cloud

