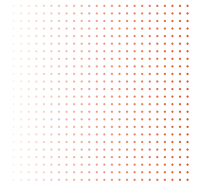# ubuntu

Ubuntu Certified Public Cloud Programme

Ubuntu images – official, trusted, secure.

Introducing the Ubuntu Certified Public Cloud Programme

Ubuntu is the most popular OS in the cloud. Every day, users choose Ubuntu for its reliability, performance and suitability for developing and deploying scale out applications driving the phenomenal growth of the public cloud. As companies deploy their mission-critical and essential applications to the cloud the importance of having a certified version of Ubuntu that is the same whether in their data centre, a private cloud or in one or multiple public clouds is essential. Customers get assurance that the Ubuntu they trust to run their business is the best possible, fully secure and eligible for support and upgrade services from Canonical.

Canonical designed the Ubuntu Certified Public Cloud Programme specifically around the needs of cloud operators and service providers. It aims to help providers attract and retain customers by delivering a standardised, high-quality Ubuntu experience. It combines a powerful cloud deployment, orchestration and management suite with a rock-solid support framework giving companies the assurance to move critical workloads to your cloud and develop new cloud aware workloads that scale to thousands of nodes with ease.

What's included in the Ubuntu Certified Public Cloud Programme?

1. Ubuntu Cloud Images, tuned and tested for your environment

Regular refreshes of Ubuntu images, with enablement, development, publication and maintenance across all cloud availability zones. Cloud operators and users will always have the latest Ubuntu features, security and compliance accreditations. The Ubuntu Cloud image includes:

- All kernel patches, drivers, tools, and packages

- The development of tuned cloud images specifically for your cloud infrastructure, for all supported Ubuntu releases

- Timely image updates including critical bug fixes and security updates (SRUs)

- Support for new instance types, and infrastructure updates/changes

- Shepherding fixes into Ubuntu following the Ubuntu SRU and development processes

- Eligible for support from Canonical through Ubuntu Advantage

2. Cloud Image Quality Assurance

This ensures service providers and users can rely on a tried and tested Ubuntu platform. Quality Assurance includes:

- Cloud-specific testing atop the Ubuntu Server testing integrated into build system

- Regular and milestone testing

- Performance analysis

- Continuous development of testing based on experience in cloud deployments

- Knowledge base of issues and fixes based on experience in cloud deployments

- Official Ubuntu images from a trusted and secure source.

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3. Cloud orchestration and management toolset

The Ubuntu Cloud Suite from Canonical, which includes Juju for service orchestration, MAAS for bare-metal provisioning, and Landscape for systems management, helps you deploy, configure, and scale your cloud seamlessly. With the Ubuntu Cloud Suite you get:

- Juju provider, developed and maintained to communicate with your cloud infrastructure to enable deployment at scale of leading applications and enable portability between clouds.

- Rich and highly complex Juju charms, which allow for rapid deployment of infrastructure-critical applications in minutes

- Graphical deployment via the Juju GUI on your cloud

- Regular functional and workload testing of charms on your cloud, to make sure they are always up-to-date and reliable

- Proactive monitoring and compliance of Ubuntu instances

4. Archive mirrors

Archive mirrors are hosted in your cloud, and managed in all availability zones to help you deliver Ubuntu services quickly and reliably. They are monitored by Canonical 24/7 and configured to be highly available and respond to high user demand.

5. Simple Streams

Simple Streams is a unique service provided by Canonical to Certified Public Cloud programme members. It connects Juju to your guest image and automatically passes deployment information which ensures that you always deploy to the freshest Ubuntu image in your chosen availability zone.

Promoting your Ubuntu Guest Service

Members of the Ubuntu Certified Public Cloud Programme get the benefit of endorsement and visibility through the Ubuntu Cloud Partner Programme. Members can also use the 'Ubuntu Certified Guest' logos and branding.

Leading service providers like Microsoft Windows Azure, Amazon AWS, Joyent and IBM deploy tried and tested Ubuntu images, and take advantage of Canonical services.

Join the Certified Public Cloud Programme today

For more information, visit ubuntu.com/cloud or contact cpc@lists.canonical.com

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