

Ubuntu Pro for GCP

For production workloads and professional users

Ubuntu Pro for GCP is a premium image designed by Canonical to provide additional coverage for production environments running in the cloud. It includes security and compliance services, enabled by default, in a form suitable for small to large-scale Linux enterprise operations offering pay-as-you-go billing on your existing GCP invoice.

Key features include live kernel patching, which provides instant security and longer uptimes, security patching of major open source workloads for production use. Ubuntu Pro is backed by a 10-year security maintenance commitment by Canonical.

Similarly to Ubuntu LTS, Ubuntu Pro features an optimized GCP kernel, with improved boot speed, outstanding runtime performance and advanced device support to match features present in every GCP VM instance type. Canonical publishes images on a daily basis, ensuring security is built-in from the moment an instance launches, and provides content mirrors in every region to avoid the need to go across regions or out to the Internet for updates.

Ubuntu Pro for GCP pricing is based on a proportion of the underlying GCP VM compute spend, starting at around 4.5% and ramping down to less than 3% for the largest instances available.

Ubuntu on GCP

Canonical, the publisher of Ubuntu, offers images carefully optimised to work on scale in public cloud environments. Cloud innovators choose Ubuntu to run their mission critical workloads.

Ubuntu Pro is a production focused image which includes subscriptions to enterprise services including kernel Livepatch, certified components and the broadest security coverage in the industry.

Ubuntu is the public cloud image of choice, used and trusted by millions of developers to innovate on modern workloads.

Available today on [Google GCP Marketplace](#):
 Ubuntu Pro 20.04 LTS | 18.04 LTS | 16.04 LTS

Machine type	Virtual CPU	Memory	VM Cost	Pro Cost	Total hourly
n1-standard-1	1	3.75GB	\$0.04749975	\$0.002136	\$0.04963599
e2-standard-2	2	8GB	\$0.06700600	\$0.003988	\$0.07099431
n2d-standard-4	4	16GB	\$0.16898400	\$0.007578	\$0.17656233
n2-standard-8	8	32GB	\$0.38850000	\$0.014038	\$0.40253763

Feature Matrix

Feature	Ubuntu	Ubuntu Pro	Ubuntu Advantage
Security patches for 2,400+ Ubuntu infrastructure components	✓	✓	✓
Security patches for 28,000+ open source packages, including Apache Kafka, MongoDB, RabbitMQ, Redis and NodeJS	-	✓	With Apps add-on
Kernel Livepatch for instant security and higher uptimes	-	✓	✓
Common Criteria EAL2 certified components	-	✓	✓
CIS Hardening profiles	-	✓	✓
Integration with GCP Security Command Center and Stackdriver Monitoring	-	Coming soon	-
Knowledge Base	-	-	✓
Maintenance period	5 years	10 years	10 years
Canonical-backed support with enterprise grade SLA	-	Optional - Up to 24x7, 1-hour response	Up to 24x7, 1-hour response
Price	free	Per hour pricing charged by the cloud	Annual licences per machine

Key Benefits

All-inclusive Patching

More than 30,000 supported packages available in Ubuntu, including thousands of open-source applications securely patched and supported by Canonical.

Security & compliance focus

- Critical patches delivered automatically for up to 10 years. Key security updates, including Kernel Livepatch, seamlessly applied to increase uptime and avoid the need for unscheduled reboots.
- Flexibility & upstream access
- Up-to-date access to open source with the flexibility to fit your infrastructure, with consumption-based managed services options and no vendor lock-in.

Need access to our solutions?

To learn more about how Ubuntu Pro can help you achieve your efficiency, security and compliance goals, visit ubuntu.com/gcp/pro, or [contact us](#) to get started.