ubuntu

Ubuntu Pro for AWS

For production workloads and professional users

Ubuntu Pro for AWS is a premium AMI 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 — with no contract needed.

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

Like Ubuntu, it features an optimized AWS kernel, with improved boot speed, outstanding runtime performance and advanced device support to match features present in every AWS EC2 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 AWS pricing is based on a proportion of the underlying EC2 compute spend, starting at 20% for the smallest instance sizes, and ramping down to less than 1% for the largest instances available. On-Demand, 1-year Reserved Instance and 3-year Reserved Instance purchasing options are available, and it's included in AWS Free Tier, which lets you try before you buy.

Ubuntu on AWS

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, including Netflix, Paypal, Heroku and Acquia.

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 Minimal is a stripped down edition of Ubuntu aimed at workload-specific use cases such as containers, single-function VMs and serverless, delivered as an AMI which is 100MB and 150 packages smaller, offering a reduced attack surface.

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

Pricing for US East (N. Virginia) Region	EC2 Cost hourly	Ubuntu Pro hourly	Total hourly
t3.nano	$0.005	$0.001	$0.006
t3.medium	$0.042	$0.009	$0.051
c5.large	$0.085	$0.019	$0.104
r5.xlarge	$0.252	$0.046	$0.298

Available today on the AWS Marketplace: Ubuntu Pro 18.04 LTS | 16.04 LTS | 14.04 LTS

Feature Matrix

Feature[1]	Ubuntu	Ubuntu Pro	Ubuntu Advantage
Security patches for Ubuntu infrastructure components	✅	✅	✅
Security patches for hundreds of open source applications, including Apache Kafka, MongoDB, RabbitMQ, Redis and NodeJS	-	✅	-
Kernel Livepatch for instant security and higher uptimes	-	✅	✅
FIPS 140-2 and Common Criteria EAL2 certified components	-	✅	✅
Automated security profiles, including CIS and DISA STIG	-	✅	✅
Integration with AWS security and compliance features, including Security Hub, CloudTrail and more	-	Coming 2020 Q1	-
Knowledge Base	-	-	✅
Maintenance period	5 years	10 years	10 years
Canonical-backed support with enterprise grade SLA	-	-	Up to 24x7, 1-hour response

[1] *18.04 LTS certifications are in-progress and will be available 2020Q1. Certified components and kernel live patches are not available for Ubuntu 14.04 LTS. Maintenance commitment for Ubuntu 18.04 LTS onwards is 10 years; for 14.04 LTS and 16.04 LTS, it is 8 years.*

Key Benefits

All-inclusive Patching
More than 30,000 supported packages available in Ubuntu as well as 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. FIPS 140-2 and CC-EAL certifications and systems management at scale to ensure continued security and compliance.

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 https://ubuntu.com/aws/pro, or contact us to get started.

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