

Canonical Infrastructure for the public sector

Build a sovereign cloud with a trusted partner and benefit from long-term support, a high level of security and world-class compliance



In an era of heightened geopolitical uncertainty, digital sovereignty takes centre stage. As governments and their institutions increasingly recognise the importance of safeguarding their data, sovereign cloud solutions have emerged in response to security and compliance challenges. Amidst a multitude of platform providers offering commercial services in this space, only one stands out for continued commitment and dedication to fulfilling the discerning needs of different public sector organisations worldwide - [Canonical](#).

The quest for digital sovereignty

While traditional public cloud infrastructure is suitable for individuals and businesses, the quest for digital sovereignty is pivotal in the public sector. Consequently, government entities and their institutions are increasingly opting to build their own

cloud infrastructure - hosted and managed within their country's boundaries. This strategic move empowers them to attain unprecedented levels of stability, security and compliance - milestones that are often elusive within the hyperscalers domain.

<p>Data sovereignty and security</p> <p>Governments must protect sensitive data, including military information, citizen records and intellectual property, from foreign interference or cyber threats. Sovereign clouds offer a secure, localised environment for data storage and processing, reducing the risk of data breaches and unauthorised access.</p>	<p>Compliance and regulations</p> <p>Many countries have adopted data protection laws that mandate storing and processing confidential data within national boundaries. In this case, sovereign clouds help governments comply with these regulations while maintaining full control over the data.</p>
<p>Digital autonomy</p> <p>Relying on global public cloud providers can create dependencies on foreign companies, potentially compromising national interests and digital autonomy. Sovereign clouds empower governments to take control of their digital future.</p>	<p>Resilience and disaster recovery</p> <p>Sovereign clouds can be optimised for redundancy and disaster recovery, ensuring that critical government services remain operational despite natural disasters or cyberattacks.</p>

Gain confidence with Ubuntu Pro

When it comes to your sovereign cloud project roll-out, it is important to choose a platform that can be trusted so you can operate it with confidence. This is why government institutions, such as [United Nations International Computing Centre \(UNICC\)](#) or [Italy's National Institute of Geophysics and Volcanology](#), run their applications on Canonical infrastructure with the benefit of Ubuntu Pro's enterprise-grade security

features. Ubuntu Pro is an optional enterprise subscription for Ubuntu that covers all layers of infrastructure and open source applications, including expanded security maintenance (ESM), phone and ticket support, production-grade service level agreements (SLAs) and common regulatory compliance programmes.

Ubuntu Pro benefits

24/7 commercial support and way more. Ubuntu Pro is a service tailored to the needs of the public sector.



Ten years of support

Ubuntu Pro ensures ten years of commercial phone/ticket support and security maintenance for 25K+ software packages included in the Ubuntu repositories. This enables organisations in the public sector to use stable versions of Ubuntu for a long period of time and move at their own pace.



Hardening and auditing

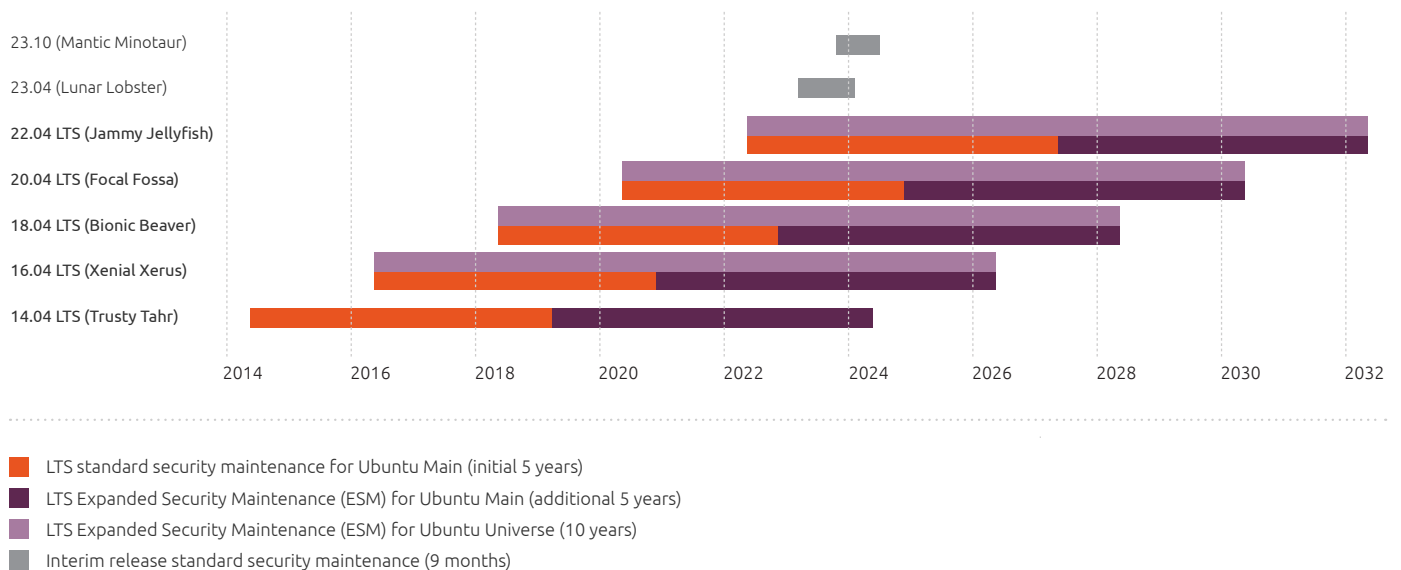
Hardening profiles, most notably Centre of Internet Security (CIS) and Defence Information System Agency (DISA) Security Technical Implementation Guides (STIG), are included in the subscription. This helps secure fragile infrastructure according to common benchmarks and facilitates auditing.



Certification and compliance

Ubuntu Pro serves as a gateway to various certification programs, such as the federal Risk and Authorisation Management Program (FedRAMP). Canonical is happy to work with their customers to help them achieve desired authorisation.

Ubuntu releases



Build your own sovereign cloud with Canonical Infrastructure

Involve a trusted partner and get your own sovereign cloud up and running with Canonical Infrastructure in four simple steps:

1



Design

Together, we design the cloud according to your needs. We guide you through the hardware specification process and tailor the architecture to meet your capacity, workload, security, regulatory and integration requirements.

2



Build

Based on all the design decisions, we deploy the cloud for you in your preferred location. At the end of the process, we provide you with the deployment guide which outlines all the steps required to re-deploy the cloud if needed.

3



Operate

The cloud can either be managed by you or our team of cloud experts. In both cases we provide ten years of security updates and phone and ticket support under the Ubuntu Pro subscription. An optional, fully-managed package includes software updates and upgrades, incident and problem resolution, typical daily operations and more.

4



Certify

We work with you to help you achieve required certification and authorisation for your environment with Ubuntu Pro.

The Canonical Infrastructure stack uses well-established open source technologies.

Those include OpenStack, Kubernetes, Ceph, MicroCloud and more. Canonical effectively ties them together to provide a unified end-to-end sovereign cloud solution.



Contact us

For more information about Canonical's cloud solutions for the public sector, [get in touch](#) or call us: (EMEA) +44 203 656 5291 ; (US) +1 737 204 0291.