

UKCloud for Red Hat OpenShift



What is UKCloud for Red Hat OpenShift?

UKCloud for Red Hat OpenShift provides a secure, private deployment of Red Hat's OpenShift Container Platform. The service is delivered as a managed platform, enabling developers to build automation pipelines and leverage the benefits of containerised solutions, helping to deliver modern, cloud-native applications and accelerate digital transformation.

UKCloud deploys, scales, monitors and updates the platform, freeing up your DevOps resources to focus on adding value further up the stack through the rapid delivery of quality-controlled code, all without having to worry about the underlying infrastructure or platform services.

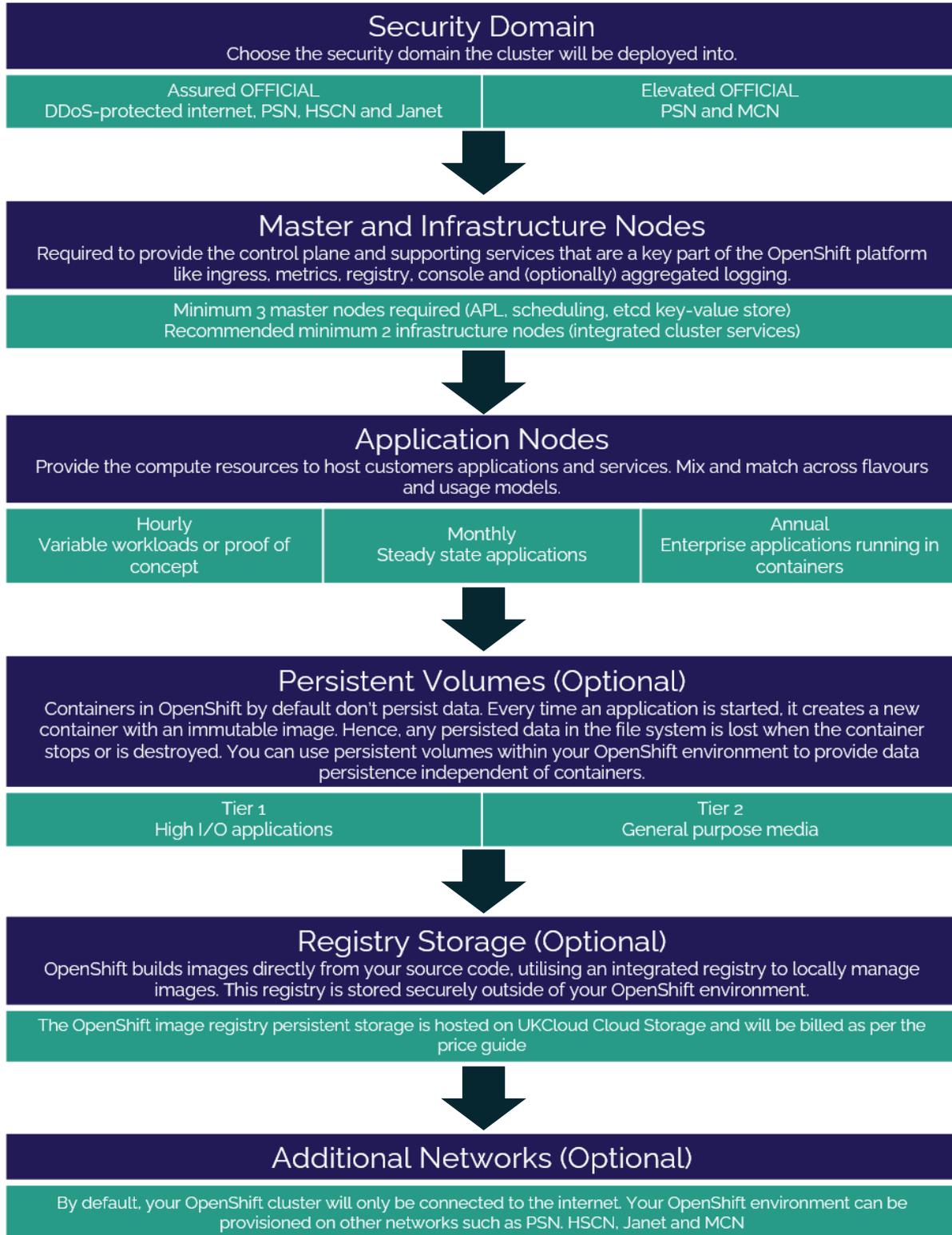


What the service can help you achieve

- Deliver new software features faster, focusing on customer value rather than infrastructure complexities
- Cope with unpredictable spikes in traffic and customer demand
- Realise more value from your DevOps team by enabling them to focus on the 'Dev' rather than 'Ops'
- Create a standard approach to deployment, ensuring consistency across all users
- Perform platform maintenance with less disruption to applications
- Try out new ideas in a low-risk sandboxed environment
- Remove the cost and complexity of provisioning, managing and scaling the underlying infrastructure, OS and middleware components
- Avoid lock-in – OpenShift can be deployed on a wide choice of IaaS platforms

 **Product options**

The service enables you to select from a number of configuration options including choice of security domain, network connectivity and flavours of nodes in the cluster. The following product options apply only to OpenShift Container Platform (OCP) v4 or higher.





Pricing and packaging

UKCloud for Red Hat OpenShift pricing can be as low as 83p per hour. Full pricing with all options, including licensing and connectivity, is available in the [UKCloud Pricing Guide](#).

Control Plane and Master Node pricing

OpenShift requires a Control Plane which comprises of a minimum of 3 Master Nodes. Each Control Plane will be charged at the following rate:

Flavour	£ / hour	£ / month	£ / year
Control Plane	£0.61	£412	£3,592

Additional Master Nodes:

Most Control Planes will only require 3 Master Nodes, but in the rare situation a customer may require additional Master Nodes they will be charged at the following rate:

Flavour	vCPU	RAM (GiB)	£ / hour	£ / month	£ / year
m1.medium	4	16	£0.21	£138	£1,198

Infrastructure Node Pricing

We recommend a minimum of 2 Infrastructure Nodes to provide supplementary services to the Control Plane such as ingress controllers, metrics, developer console and aggregated logging. These nodes are charged at the following rates:

Flavour	vCPU	RAM (GiB)	£ / hour	£ / month	£ / year
m1.medium	4	16	0.17	£115	£1,008
m1.large	4	32	0.36	£247	£2,160

Application Node Pricing

The Application Node price below includes a Red Hat OpenShift subscription component.

Flavour	vCPU	RAM (GiB)	£ / hour*	£ / month*	£ / year*
m1.medium	4	16	£0.28	£200	£1,670
m1.large	4	32	£0.48	£331	£2,822
r1.small	8	16	£0.42	£301	£2,475
r1.medium	8	32	£0.65	£457	£3,843
r1.large	8	64	£1.08	£745	£6,363
p1.medium	12	128	£1.92	£1,323	£11,345

* To take advantage of this pricing model, you must be on OpenShift Container Platform (OCP) v4 or higher. For those on v3, please request the G-Cloud 12 Pricing Guide.

Accreditation and information assurance

The security of our platform is our number one priority. We've always been committed to adhering to exacting standards, frameworks and best practice. Everything we do is subject to regular independent validation by government accreditors, sector auditors and management system assessors. Details are available on the [UKCloud website](#).

Connectivity options

UKCloud provides one of the best-connected cloud platforms for the UK public sector. We enable access to our secure platform by DDoS-protected internet, PSN, Janet, HSCN, MCN and your own leased lines via our HybridConnect or CrownConnect services. The full range of flexible connectivity options is detailed in the [UKCloud Pricing Guide](#).

An SLA you can trust

We understand that enterprise workloads need a dependable service that underpins the reliability of the application to users and other systems, which is why we offer one of the best SLAs on G-Cloud. For full details on the service SLA, including measurements and service credits, see the [SLA Definition](#) article on the UKCloud Knowledge Centre.

Service level agreement	Control Plane	Data Plane
		99.95%
Portal level agreement	99.90%	
Availability calculation	Availability is calculated based on the number of hours in the billing month (for example, 744 hours for months with 31 days), excluding any planned and emergency maintenance.	
Measurement of SLA	Unavailability applies when the OpenShift environment becomes unresponsive owing to a fault in the UKCloud-controlled OpenShift infrastructure and services which lies within: <ul style="list-style-type: none"> UKCloud-controlled components such as the virtual infrastructure, storage, power, and physical firewalls and routers UKCloud-maintained OpenShift services (Master Nodes, Infrastructure Nodes, Routing Layer) 	
Key exclusions	The following are examples of what is not covered by the SLA: <ul style="list-style-type: none"> Faults within user control, that is, any code owned and controlled by the customer Faults within external connectivity providers (for example DDoS-protected internet, PSN, Janet or HSCN) and components co-located at UKCloud Issues arising from bugs introduced as part of any new releases published by Red Hat (UKCloud will conduct thorough testing prior to applying any new releases) 	

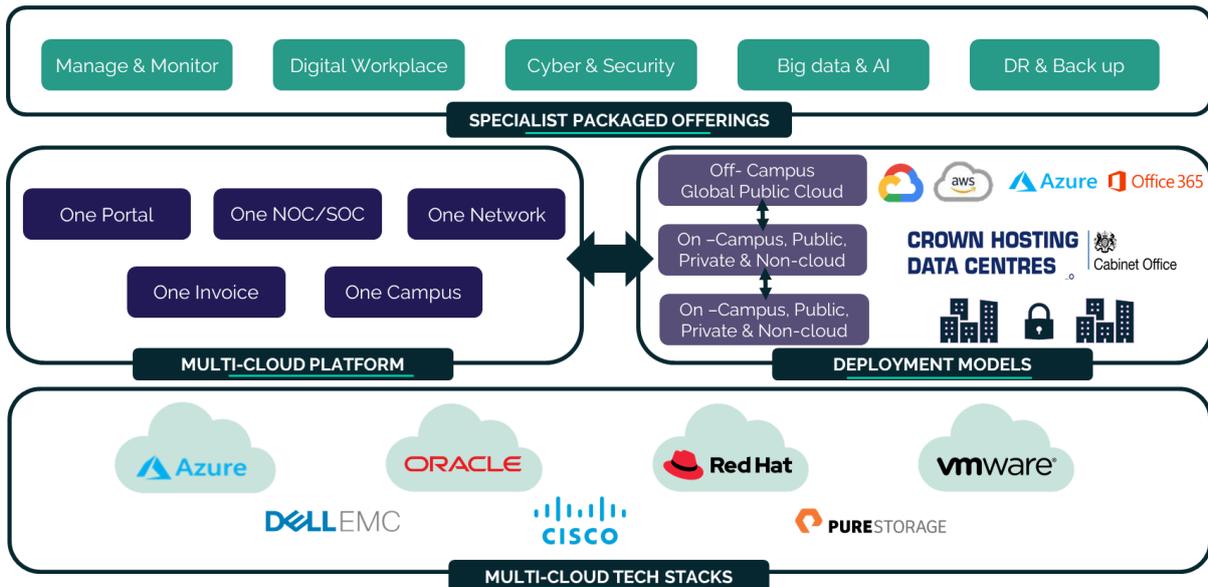
The small print

For full terms and conditions, including onboarding and responsibilities, refer to the [Terms and Conditions documents](#).

For full information regarding this product, we have [Service Scopes](#), [FAQs](#) and other relevant articles on our [Knowledge Centre](#).

Why UKCloud?

UKCloud is dedicated to the digital transformation of our nation’s public services through our flexible, secure and cost-effective multi-cloud platform and the expertise of our people and partners. We believe that diversity of technology drives value and innovation and so we bring together different cloud technologies, with different deployment models spanning on-premises (private cloud), on-campus (Government’s Crown Campus) and off-campus global public cloud services. This enables you to choose the right cloud for creating new workloads or migrating or replacing existing applications to the cloud with specialist SaaS solutions.



We recognise the importance of public services to UK citizens and businesses, which is why we include the highest level of support to all our customers at no extra cost. This includes dedicated 24/7 UK support, a Network Operations Centre (NOC), utilising protective and proactive monitoring tools, and access to UKCloud’s experts. UKCloud can also provide outcome-based professional services or managed services to help you with digital transformation.