

# Cross Domain Security Zone (CDSZ)

**A controlled interconnection between citizen-facing applications on the Assured platform, and sensitive data on the Elevated platform.**

UKCloud Guard provides a secure, scalable and ready-made solution that provides support for structured and inspectable content such as XML data.

Our Walled Garden architecture provides support for unstructured content, and allows you to deploy your own choice of technology that best suits your needs.



## Simple HTTP-based data flows

UKCloud Guard supports plain text data flows, delivering an immediately available multi-tenant service to support simple use cases involving a one-way stream of data



## Rich media

You can transmit data that is not in a simple text format, which gives you a lot of possibilities to move between security domains



## Complex Data Flows

The Walled Garden allows data to move from low to high, or high to low security domains, and from multiple sources to multiple destinations



## Updates

Download and push updates and code-releases from the internet to virtual machines on the Elevated platform

## Features and benefits

UKCloud Guard:

- **Usage-based billing** - delivered as a multi-tenant managed service with usage-based billing to help you avoid costs associated with manual cross-domain transfers
- **Inspectable web service calls** - allows you to make inspectable web service calls between the Assured OFFICIAL and Elevated OFFICIAL security platforms

Walled Garden:

- **Build your own infrastructure** - enables you to build your own architecture in a separate security zone. You can apply for bespoke controls to support a wide range of use cases and traffic flows
- **Self-service access** - manage the Walled Garden like you would any other UKCloud environment - fully configurable through the UKCloud Portal GUI and API

## How does this compare to other options?

	UKCloud Guard	Walled Garden
Self-managed solution	X	✓
Deploy own choice of gateway technology	X	✓
Pre-built NCSC Approved Architecture	✓	X
Transaction-based billing	✓	X
VM-based billing	X	✓
Requires end-customer accreditor approval	✓	✓

## Assurance

Both Cross Domain Security Zone solutions require you to go through an Assurance Wrap process to validate the architecture and use case that it will support. The process involves completing an application form and receiving Customer IA and UKCloud SIRO approval to build out an architecture, and then have it independently validated by a CHECK testing organisation. Once the results of the CHECK test have been approved by all parties, the service can be made live. An annual reaccreditation is required to revalidate the integrity of the service.

## Why UKCloud?

This service is supported by:

- Free 24/7 personalised support and Technical Account Managers with a UK-based telephone service desk
- A wide-ranging partner ecosystem including system integrators, managed service providers, software development houses and consultants specialising in cloud applications and technologies
- UK Sovereign, secure cloud services exclusively for the UK Public Sector, delivered across two accredited UK data centres with UK Government security-cleared staff
- Easy, secure connectivity to the internet and trusted public sector community networks including PSN, N3/HSCN, Janet and RLI, giving you access to the trusted and flexible Assured OFFICIAL and non-internet connected Elevated OFFICIAL cloud platforms

To find out more, visit our website: [ukcloud.com/cdsz](https://ukcloud.com/cdsz)