

Dedicated Cloud Access

colt

Secure and reliable connectivity to Amazon Web Service

Benefits at a glance

- **Enhanced security**

The traffic between any enterprise site and Direct Connect access PoP is routed entirely across the Colt network, so that customers can be assured that their mission-critical traffic is safe

- **Better resilience**

Colt's award-winning network services are provided with a high degree of resilience. Moreover, customers have a number of enhanced configuration options for Disaster Recovery and High Availability purposes

- **Faster performance**

Colt operates one of the lowest latency networks in Europe and Asia, so data is routed over the lowest-latency paths to the AWS cloud

- **Predictable experience**

Making your traffic independent of the internet means that your customers and own business users can enjoy consistent performance from your apps

Does your business use Amazon's cloud services? Do you find that access over the public internet is slow and unreliable?

Under our Dedicated Cloud Access service, we can provide secure and reliable private network connectivity between enterprise data centres or office locations and the Amazon Web Services (AWS) cloud through their Direct Connect service.



Colt is an AWS Technology partner, and we can provide Ethernet (with an optional managed router add-on) and IP VPN access to the Direct Connect private network access points.

Customers enjoy not only the Colt network benefits, but also our 24/7 multilingual support facility which supports our service SLA. Our proposition is recognised every year by the Metro Ethernet Forum (MEF) as industry-leading.

Colt owns and operates a pan European and Asia Pacific

network that has direct fibre access into over 700+ Data Centres and 24,000+ enterprise buildings. This means that Colt controls the end-end infrastructure between the hand-off to the enterprise and the cloud service provider.

Accessing the AWS cloud

In common with many cloud services providers, AWS separates access points ("PoP") from the Data Centres ("regions") in which the services are manufactured.

Colt can provide direct fibre-based connectivity into the majority of AWS PoPs in Europe and Asia Pacific, which simplifies speeds provisioning, and provides optimum traffic routes for customers.

On Demand capability

Colt Dedicated Cloud Access service is also available On Demand to disrupt and transform the user experience. Thanks to SDN technology, our customers benefit from real-time ordering, provisioning and service flexing through a self-serve portal.



Our network

The most extensive coverage in Europe and Asia;

- 187,586 km of LDN, metro fibre and subsea & terrestrial leased capacity
- 28 countries across 3 continents
- 200 connected cities
- Metropolitan area networks in 49 cities
- 24,000+ buildings and 700+ Data Centres directly connected



A wide range of connectivity options

Dedicated Cloud Access includes a range of connectivity options that have been customised for better integration into the AWS cloud.

This includes point to point Ethernet for customers who need to connect a single site (with an optional 'managed router' add-on) and IP VPN for customers who want to share AWS access across multiple sites.

Available service option

The below table summarises the available services and bandwidths:

Colt Bandwidth	Connection into AWS	Physical cross connect required?	Ethernet	IP-VPN
100/200/300/400/500Mbps	Hosted connection (100/200/300/400/500Mbps)	No	✓	✓
1 or 10 Gbps	Dedicated 1G or 10G port	Yes	✓	
100/200/300/400/500Mbps	Dedicated 1G or 10G port	Yes	✓	

With dedicated ports, customers enjoy self-provisioning of AWS services via their AWS portal. Services routed over hosted connections are provisioned via Colt.

MEF Excellence Awards



When it matters, customers choose Colt.

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