



NEXT DC

# AWS DIRECT CONNECT

CUSTOMER FAQs

**LIVE** at S2 Sydney

  
NEXT DC

 partner network | service delivery

# NEXTDC's S2 data centre houses Sydney's Point of Presence (POP) for AWS Direct Connect.



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## Q. What is AWS Direct Connect?

AWS Direct Connect is a network service provided by AWS that offers a high-speed and reliable alternative to using the public internet to access your AWS cloud services.

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## Q. What can I do with AWS Direct Connect?

Using AWS Direct Connect, data previously transported over the public internet is delivered over a private network connection between AWS and your data centre or corporate network. In many cases, you can reduce network costs, increase throughput and provide a more consistent network experience than internet-based connections.

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## Q. Where is AWS Direct Connect – Dedicated Connection available?

NEXTDC house four Direct Connect POP locations in Sydney, Melbourne, Canberra and Perth. For a complete list of Direct Connect POP locations, you can find them on the AWS Product Details page.

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## Q. How can I connect to AWS?

Sydney based customers now have the choice of accessing AWS Direct Connect through a simple cross-connect at S2 or via NEXTDC's Ethernet connectivity platform AXON.

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## Q. Does having a Direct Connect POP in S2 have any advantages for customers in those data centres?

Yes, as a NEXTDC customer in S1 and S2 you have the ability to choose to access AWS Direct Connect – Dedicated Connection via a standard cross connect or AWS Direct Connect – Hosted Connection via AXON.

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## Q. I don't have a rack in the S2 data centre, can I connect to AWS Direct Connect?

You don't need a rack in S2 to connect to the AWS Direct Connect POP. You can use NEXTDC's Ethernet connectivity platform, AXON to access the AWS Direct Connect POP at S2 from a wide variety of data centres across Australia or via the carrier of your choice.

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## Q. How does AXON work with AWS Direct Connect?

AXON allows customers to connect to any AWS Direct Connect POP in Australia, from any of our AXON network locations. AXON can deliver Direct Connect services starting at 50 Mbit, right the way up to 10 Gbit.

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## Q. What's the difference between AXON and Direct Connect?

AXON is NEXTDC's Ethernet connectivity platform, enabling customers to connect virtually to their critical IT services, including clouds, service providers, carriers and alternative data centre locations. Direct Connect is Amazon's cloud interconnection product. Customers can access Direct Connect via a standard cross connect if they have rack in the same data centre location (Dedicated Connection), or alternatively via AXON (Hosted Connection), increase bandwidth and provide a more consistent network experience than internetbased connections. And because your traffic bypasses the internet, AXON helps mitigate security risks and overheads involved in delivering services over a public network.



Enjoy local, private access to AWS and integrate your cloud services, workloads and applications into a seamless, secure cloud deployment.

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**Q.** What are the benefits of using AXON to connect to AWS Direct Connect?

Private network connections help reduce costs, increase bandwidth and provide a more consistent network experience than internet-based connections. And because your traffic bypasses the internet, AXON helps mitigate security risks and overheads involved in delivering services over a public network.

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**Q.** Can I use my AXON port for any other forms of connectivity?

Yes. AXON facilitates private, secure connections between the people and places critical to your organisation. An AXON port allows you to create any number of virtual connections between your customers, carriers, data centres and cloud providers, including your AWS cloud.

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**Q.** Which AWS services can be used with AWS Direct Connect?

All AWS services, including Amazon Elastic Compute Cloud (EC2), Amazon Virtual Private Cloud (VPC), Amazon Simple Storage Service (S3), and Amazon DynamoDB can be used with AWS Direct Connect. See [aws.amazon.com/directconnect](https://aws.amazon.com/directconnect) for more information.

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**Q.** Can I use the same private network connection with Amazon Virtual Private Cloud (VPC) and other AWS services simultaneously?

Yes. Each AWS Direct Connect connection can be configured with one or more virtual interfaces. Virtual interfaces may be configured to access AWS services such as Amazon EC2 and Amazon S3 using public IP space, or resources in a VPC using private IP space.

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**Q.** Does it make a difference which Direct Connect POP I connect to?

Depending on your location, it can make a huge difference which Direct Connect location you connect through. Customers located in states without an AWS Direct Connect enabled POP incur intercapital backhaul costs to route traffic back to Sydney. With more AWS Direct Connect POP's now available in Sydney, Melbourne, Perth and Canberra, local customers can simply route their traffic to their nearest POP to help reduce unnecessary intercapital backhaul costs.

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**Q.** Where can I learn more about direct connectivity to AWS via AXON?

Contact your Account Manager at NEXDC to arrange a one on one briefing. Alternatively visit the AXON or Direct Connect pages on the NEXDC website.

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**Q.** Does AWS Direct Connect offer highly resilient network connections to maintain continuity of my critical AWS workloads?

Yes. Read about **AWS Direct Connect resiliency** recommendations to help you establish a highly resilient network connection between Amazon Virtual Private Cloud (Amazon VPC) and your collocated infrastructure.

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**Q.** How can I get started with AWS Direct Connect?

Contact your NEXDC Account Manager and let us take care of the rest.



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