

AARNet and Amazon Web Services



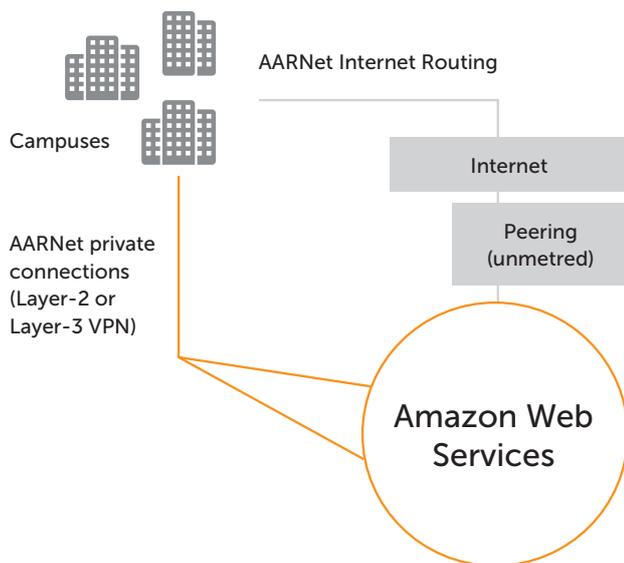
AWS Direct Connect

Connect directly to Amazon Web Services for consistent performance and cost control.

The AWS Direct Connect service enables AARNet customers to establish private connectivity between Amazon Web Services (AWS) and their campus, datacentre, or colocation environment.

Why AWS Direct Connect via AARNet?

- + **Consistency:** provides a more consistent network experience
- + **Reduce costs:** can reduce network costs
- + **Unmetered:** traffic is on-net and unmetered for AARNet customers. (AWS charges apply)
- + **Connection options:** choice of connection options to match your needs



AARNet recommends connecting to multiple AWS Direct Connect locations for physical redundancy.



IPsec VPN
or Private
Connection



on-net for
AARNet
customers



consistent
performance



control
cost

Connection options

As a validated AWS Service Delivery Partner, AARNet provides the full range of connectivity options to AWS at Equinix SY3 and Global Switch SY6 Data Centres in Sydney.

+ AWS Direct Connect **Hosted Connection**

Hosted Connections are delivered via AARNet's existing ports into AWS, and by AARNet VPN services to your locations: so you save time and cost. VPN speeds of 200 & 500Mbps; 1, 2, 5 & 10 Gbps are available and there is no contention between customers

+ AWS Direct Connect **Dedicated Connection**

Dedicated Connections are physical Ethernet ports of 1 or 10Gbps dedicated to a single customer. These require physical data centre cross-connects, so are slower and more costly to provision

+ IPsec VPN over the internet

For non-critical workloads, you may take advantage of AARNet's peering relationship with AWS and simply establish an IPsec VPN between your equipment and AWS VPC

The choice and design of Direct Connect options depends on how you plan to manage and integrate your AWS VPCs with your hybrid cloud infrastructure. AARNet Enterprise Services consultants can assist with these choices and implementation.

Charges and fees

- + For a Private Connection, AARNet does not charge for traffic. (AWS egress charges may apply)
- + For internet connectivity, traffic is on-net and un-metered for AARNet members and subscription-based customers
- + AWS is committed to making it easier for researchers to use its services by waiving data egress fees for qualified researchers and academic customers. (Conditions and limits apply to this offer and customers are advised to confirm pricing directly with AWS)