

Cloud Connect Data Sheet



Introduction

When you buy a connectivity service – VLAN or dedicated port – from a public cloud provider like AWS, Azure, Google, etc., the public cloud provider will normally deliver the point of interconnection between the customer network and the public cloud network at one of the datacenters in the Netherlands where the public cloud provider has a physical or virtual presence. However, in most cases the customer network is not present at those points of interconnection and that is where atom86 can be of assistance.

atom86 provides cost effective, high speed, redundant connections to the public cloud providers physically or virtually present in the Netherlands.

Locations

The atom86 Cloud Connect services are available from 70+ datacenters in the Netherlands. At the following datacenters you can get a direct connection:

- BIT, Ede
- Digital Realty AMS3/AMS17/AMS18, Amsterdam
- Digital Realty AMS5/AMS7, Schiphol-Rijk
- Digital Realty AMS8/AMS10, Rozenburg
- Digital Realty AMS9 (SARA), Amsterdam (via NIKHEF)
- Equinix AM1/2/3/4/5/7/8, Amsterdam
- Equinix AM6, Amsterdam (via Equinix AM5)
- Equinix AM11, Amsterdam (via Equinix AM7)
- euNetworks, Amsterdam
- Iron Mountain (Evoswitch), Haarlem
- GlobalSwitch, Amsterdam
- NIKHEF, Amsterdam
- NorthC Aalsmeer, Aalsmeer
- NorthC Almere, Almere
- NorthC Amsterdam, Amsterdam
- NorthC Delft, Delft
- NorthC Eindhoven 1/2, Eindhoven
- NorthC Nieuwegein, Nieuwegein
- NorthC Oude Meer, Oude Meer
- NorthC Zestienhoven, Rotterdam

Interconnections

All interconnections between the customer equipment and the atom86 network are Ethernet based, i.e. 1GE-Copper/Fiber or 10GE-Fiber (or multiples).

When you require less than 1Gbps of connectivity towards your public cloud provider, e.g. 50Mbps, atom86 offers a reduced speed Cloud Connect service at a reduced price.

Direct Cloud Connect connections

atom86 can provide direct Cloud Connect connections towards the physical networks of e.g. AWS, Azure and Google. In that case we offer our Direct Cloud Connect service including the required inhouse fibers towards those public cloud providers.

Layer2 Cloud Connect connections

As mentioned before, not all public cloud providers are physically present in the Netherlands. Via the Equinix Cloud Exchange atom86 can offer a layer2 Cloud Connect service towards 40+ public cloud providers like AWS, Azure, Google, Alicloud, SAP, IBM, etc. atom86 is connected to the Equinix Cloud Exchange at both Equinix AM3 and Equinix AM5.

Cloud Router

Most public cloud providers require customers to connect with a BGP session with a public or private AS number, this requires BGP knowledge and physical or virtual equipment that will support this. atom86 can provide a virtual router as an additional service to connect your private infrastructure to the public cloud provider of your choice. This virtual router service runs on redundant Juniper MX480 routers.

If required atom86 can connect the customer network at two different locations to two different points of interconnection with the public cloud provider.

Maintenance window

The standard maintenance window for Scheduled Maintenance for the atom86 network is every working day between 00:00-02:00hrs Dutch local time. The length of the maintenance window may vary depending on the activities to be performed during the maintenance window.

Maintenance windows will be announced 5 days in advance stating start, end, activities to be performed and the possible impact on customer connections. Emergency Maintenance will be announced at least 15 minutes in advance, if possible, or directly afterwards explaining the emergency.