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 the following 34 datacenters:

- BIT, Ede (max 5Gbps)
- Dataplace Rotterdam, Alblasserdam (max 5Gbps)
- Digital Realty Science Park (AMS17), Amsterdam
- Digital Realty Wenckenbachweg (AMS18), Amsterdam
- Equinix AM1/2, Amsterdam
- Equinix AM3/4, Amsterdam
- Equinix AM5, Amsterdam
- Equinix AM6, Amsterdam (via Equinix AM5)
- Equinix AM7, Amsterdam
- Equinix AM8, Amsterdam (max 5Gbps)
- euNetworks, Amsterdam
- Iron Mountain (Evoswitch), Haarlem
- GlobalSwitch, Amsterdam
- Interxion AMS3, Amsterdam
- Interxion AMS5, Schiphol-Rijk
- Interxion AMS7, Schiphol-Rijk
- Interxion AMS8/10, Rozenburg
- Interxion AMS9 (SARA), Amsterdam (via NIKHEF)
- NIKHEF, Amsterdam
- NorthC Aalsmeer, Aalsmeer
- NorthC Almere, Almere
- NorthC Amsterdam, Amsterdam
- NorthC Delft, Delft (upon request)
- NorthC Eindhoven, Eindhoven (max 5Gbps)
- NorthC Nieuwegein, Nieuwegein (max 5Gbps)
- NorthC Schiphol, Oude Meer
- NorthC Zestienhoven, Rotterdam (max 5Gbps)
- Schuberg Philis, Schiphol-Rijk

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.