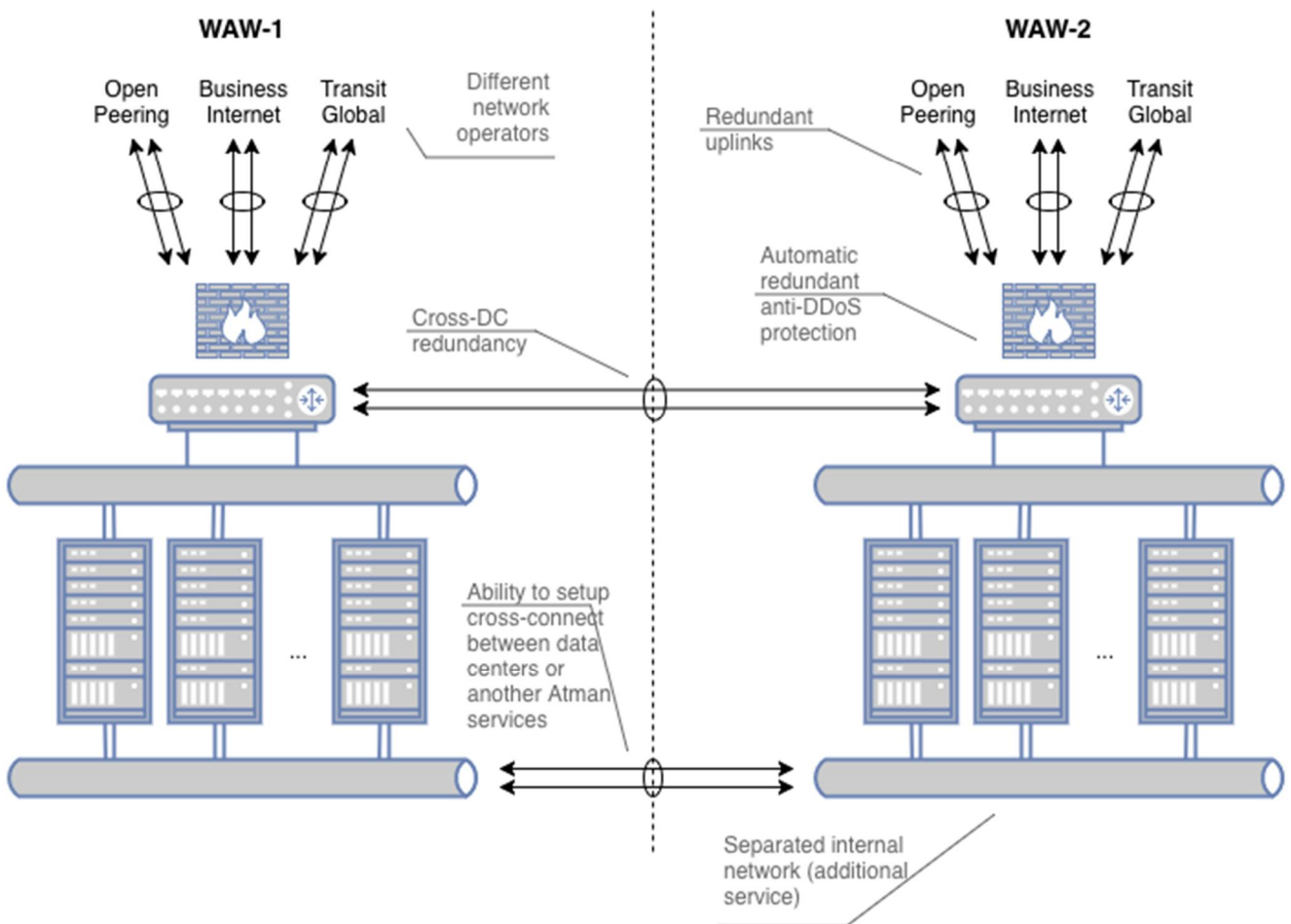


Dedicated Servers Network Description and Scheme

Network architecture of IaaS services (dedicated servers)



We can provide
over
200
custom server in
one week

Our stock holds
over
4000
parts and over 300
different
components.

Internet Access

The provided diagram illustrates network architecture redundancy providing internet access service continuity is ensured by:

- **Multi-level redundancy on uplinks:**
 - **redundant connections**
 - **to different operators,**
 - **through multiple data centers,**
- **Core network devices redundancy and**
- **Having redundant cross-connect between routers.**

We are able to provide internet access by using second DC uplinks in case of network failure (or ie. maintenance works).

AntiDDoS protection

Furthermore internet access is protected against volumetric DDoS attacks (up to 1.5 Gbps) without any additional fees with ability to extend protection up to 10 Gbps (scrubbing) as an additional service. Customer has ability to list DDoS attacks history in the control panel and is also notified about every action taken by DDoS protection (ie. scrubbing or blackhole).

Secure architecture

If we want to build a redundant environment on hardware infrastructure level, the best solution is to place Customer servers in different Racks, to avoid simultaneous outage on redundant servers.

There is also a possibility to move IP addresses between different servers using control panel or API, even if they are placed in different Racks or even different server rooms. Customer should use additional IP addresses to achieve this (as primary connection network is not movable).

Simple HA configuration can be achieved this way by automatic traffic redirection in case of hardware failure or during maintenance works (i.e. software upgrade).

Internal network

If you need direct connectivity between servers, you can use internal network service. This service connects servers to separated L2 network – accessible between different racks or even server rooms. Internal network is fully separated from public (Internet) network and it uses private IP addresses. We are able to provide internal network service up to 100G – we were one of the first providers in Europe which started to use that technology.