

Free and modern educational
network

AzScienceNet

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Network background

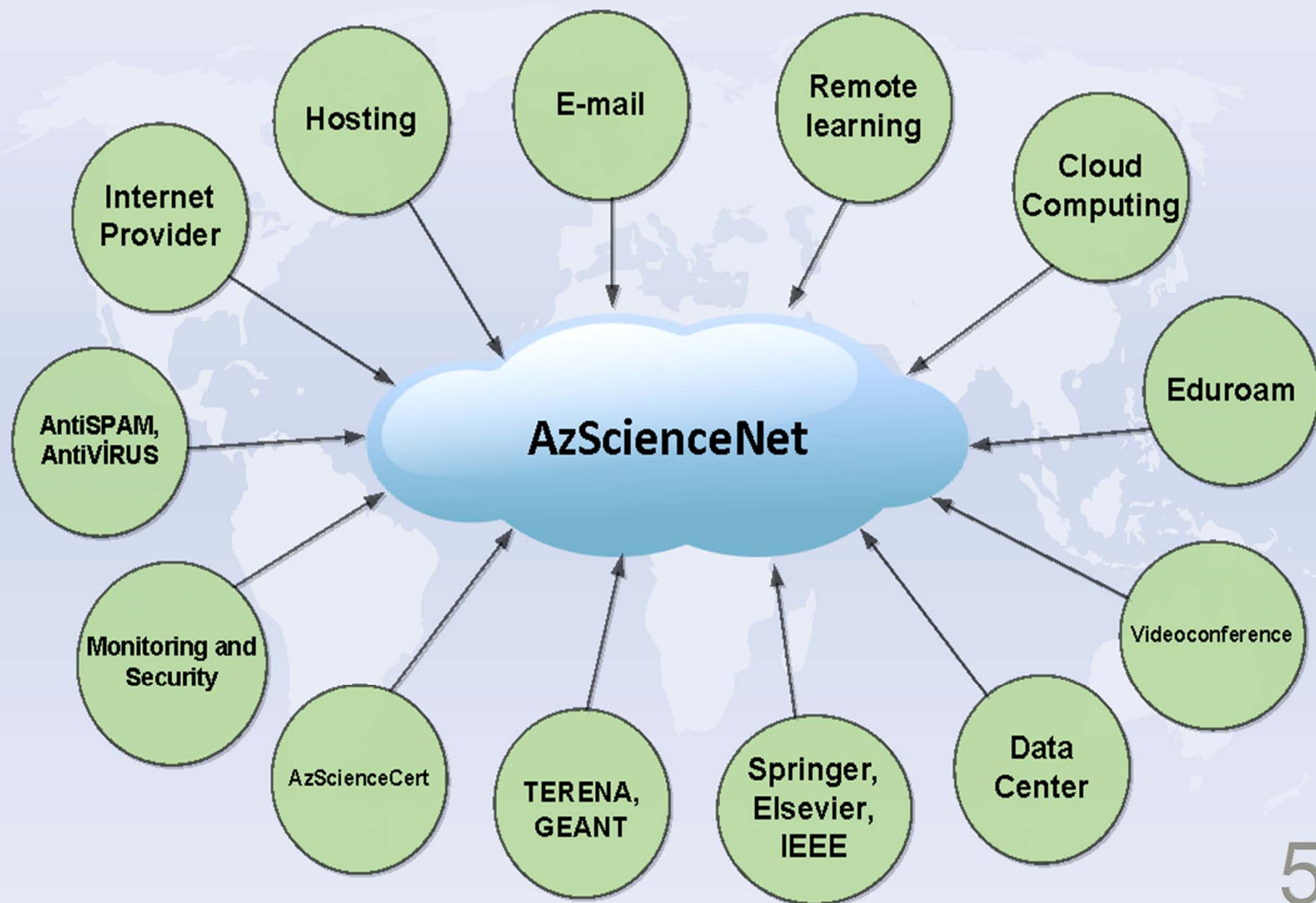
- The first Azerbaijan gateway of AzScienceNet network which based on TCP/IP technologies was created in 1991.
- The first website in the Republic of Azerbaijan was created in 1995 at ANAS Institute of Information Technologies under the name www.ab.az and accommodated in the servers of AzScienceNet network.
- In 2009 network totally upgraded and became modern
- In 2010 – joined TERENA

Current situation

- Near 40 connected institutions, libraries, museums
- About 3000+ subscribers and growing...
- More than 150Mbps Internet bandwidth
- Dark Fiber connectivity to the Internet network
- Network is divided to the 3 parts: Internet services, Virtualization services, Cloud Services
- National Eduroam Provider (eduroam.az)

Data Center

AzScienceNet scientific-computer network



Internet services

- Subscribers provided with generic Internet connectivity
 - Secure, Reliable & Fast connection
 - Subscriber have to accept “User agreement” which describes network usage policy
- Special group – AzScienceCert (<http://sciencecert.az>)
- 24/7 monitoring and security service

Cloud computing

- **AzScienceCloud**
<http://cloud.azsciencenet.az>
- Build on top of IBM Smart Cloud Provisioning
- 7.2 TFlops computing power
- 96TB storage available for subscribers
- Totally automated provisioning

Virtualization

- **AzScienceVirtual**
- Provides customers ability to use of technology PColP
- Ability to use virtual infrastructure of data center
- Based on IBM Blades

Subscribers care

- There is several ways to get support: website, email and phone.
- There is call-center configured on top of Asterisk to serve incoming calls from subscribers
- 24 hours call center operators tracking issues with engineers

Thank you!

Feel free to ask any questions!