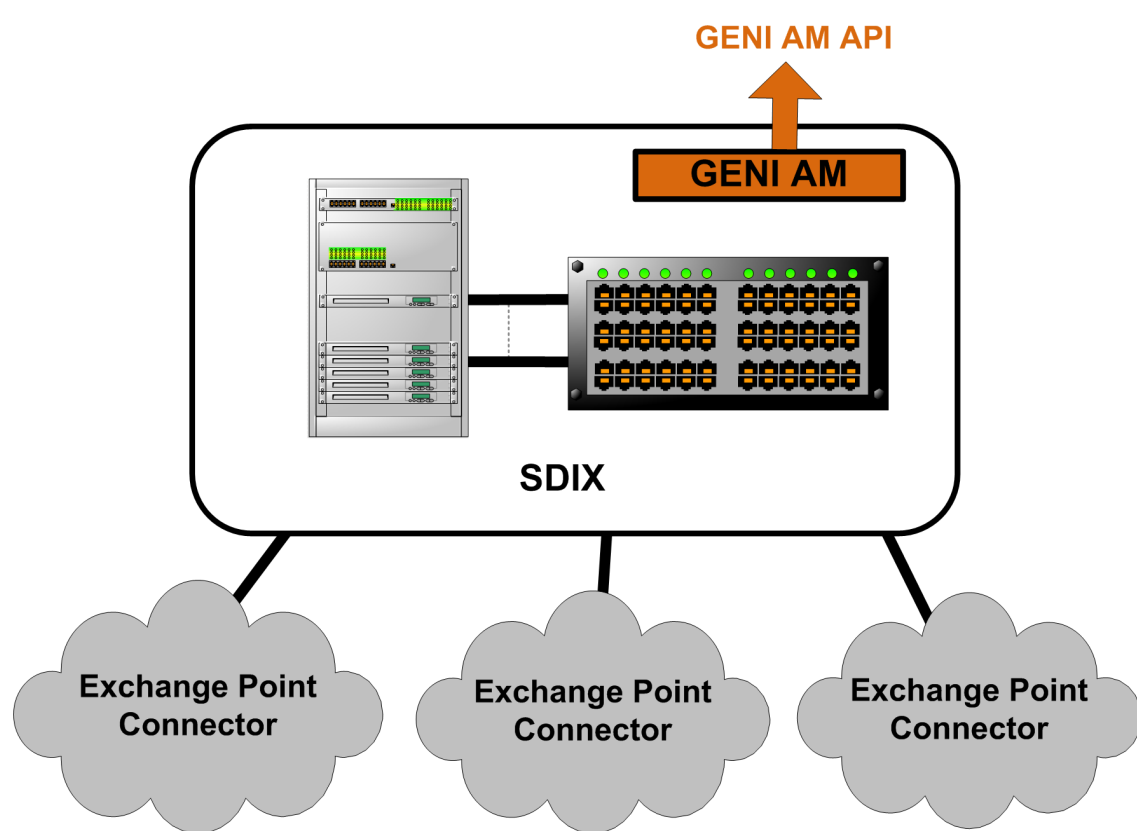


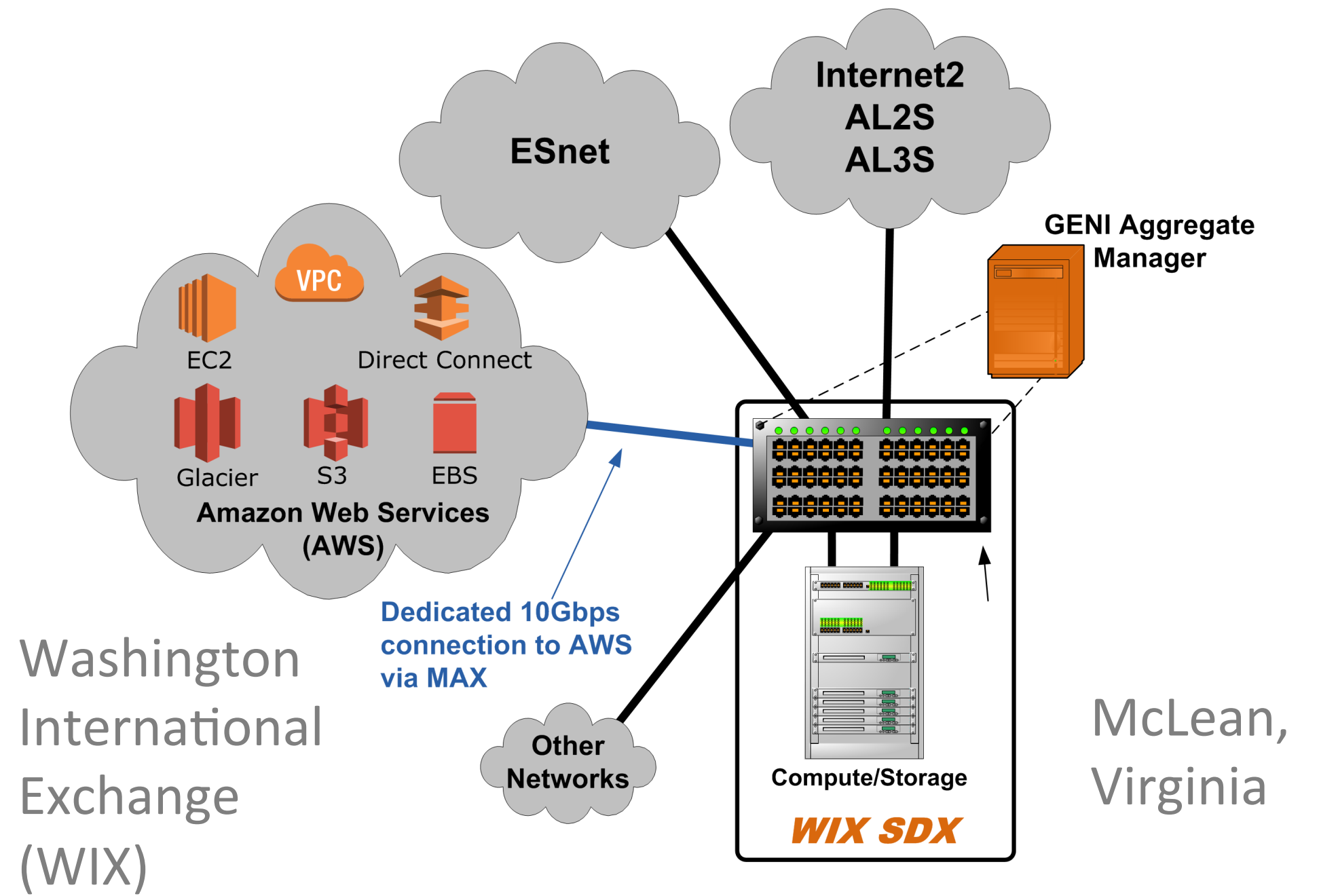
International Software Defined Exchange

SDX – Network, Host, and Storage Resources



- SDN Exchange Point Switch
- GENI Rack: Exchange Point host, storage resources

WIX Prototype SDX



- **Network service exchange based on VLANs or any other flowspace**
- **Automates current Exchange Point manual operations**
- **Adds options for new exchange point services using host/storage**
- **Enables a market place to develop where third parties can bring their “services” to the GENI enabled SDX. MAX provided AWS Direct Connect service at WIX is an example**

- **SDX will be critical components of the future Internet infrastructure**

- **GENI Software Suite, with a few modifications, can be used to power SDX**

- **Prototype SDX now running at WIX and iMinds**

- **GENI users can create topologies and stitch to AWS resources at WIX**

- **Distributed SDX infrastructure can be used for “per-flow” value added processing, or to build specialized service topologies**

SDX Deployed Topology

