Albuquerque GigaPoP (ABQG) is a non-profit initiative owned and operated by the University of New Mexico (UNM). ABQG is designed to meet the growing needs of New Mexicans who need high-speed and high volume bandwidth to support work in areas of education, research, health, security, economic development, and government.

- ABQG serves as a connection to Internet2 (I2), city and state networks, national labs and advanced research networks, K-20 schools, and telehealth.
- ABQG enables a new generation of innovators on New Mexico campuses, who will generate new jobs and economic growth for the state.
- ABQG offers network services that are built for performance, reliability, efficiency, and affordability.
- ABQG allows for greater connectivity and capacity to learning environments in research and education.
- ABQG allows New Mexico universities to be at the heart of demanding advanced scientific applications.

**Dedicated High Speed Access**
ABQG internet service offers a high-speed, dedicated access solution that connects your organization efficiently and affordably.

**Metro Ethernet Service**
Is provided by our local area provider and allow subscribers to add bandwidth incrementally, as needed so you pay for only what you need at a discounted price.

**Transport**
End user established dedicated point-to-point connection to co-location facilities that can be customized and redundant for Ethernet handoffs.

**Internet Service**
Internet service (“I1”) is provided by ABQG using aggregate buy rates at a much lower price, including fast connectivity to I2 & ESNET.

**Local Peering**
Connect to ABQG’s transit exchange to peer with its participants to move data. The service allows peering participants to exchange traffic with networks while bypassing their upstream providers.

**Education & E-rate Services**
ABQG is committed to helping educational institutions create customized networks that seamlessly meet current education IT demands and future expectations; all while containing costs.

**Cache Services**
ABQG provides local dedicated cache engines through Open Connect by Netflix and Global Cache by Google.

**Data Port Activation**
If there is existing data cabling on an existing IT outlet, ABQG can activate a data port(s) to the ABQG network.

**Monitoring Services**
ABQG actively monitors provisioned services to ensure networking services are met.

**Network Consulting Service**
ABQG is composed of experienced and certified engineers with areas of expertise ranging from assessment and analysis to project implementation.

**How to Connect**
To request for service, please complete the Functional Requirements Form located at www.abqg.unm.edu

ABQG is a cost-effective way for connecting to many international research and education networks.

ABQG partners automatically peer.

- ABQG is an ATM-free zone
- Any IP traffic accepted
- Multicast enabled with PIM-SM snooping
- Self-configured peering
- No AUP
- Support available 24 hours/365 days

**Service Providers**
- CENIC
- Level3
- CenturyLink
An Aggregation Point of Networks!