ABQG Business Process
“Connecting Networks Faster”

June 6 – 7, 2019
Henrietta Vigil
Business Analyst
UNMIT Data Networks/ABQG
What is ABQG’s Purpose?

To meet the growing needs of New Mexicans who need high-speed & high-volume bandwidth to support work in areas of education, research, health, security, economic development, and government.
What is ABQG’s Purpose?
How fast is a Gbps Internet connection?

https://youtu.be/IOERJ0fdUb4
What Services Does ABQG Provide?

**Dedicated High Speed Access**
High-speed dedicated access solution that connects your organization efficiently and affordably.

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

**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.

**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.

**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.

**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.

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

**Cache Services**
ABQG provides local dedicated cache engines through Open Connect by Netflix and Global Cache by Google.
(12) GigaPoP Members

(50+) local port activations
ABQG Peering at a Glance

O:\Production Docs\MiscellaneousDiagrams\ABQG Peering at a glance.vsd
Middle Rio Grande Pueblo Tribal Consortium (MRGPTC)
- Santa Ana Library
- San Filipe Library
- Santa Domingo Library
- Cochiti Library

Jemez/Zia Pueblo Tribal Consortium (JZPTC)
- Zia Library
- Jemez Library
- San Diego Riverside Charter School
- Walatowa Charter School
Three sites: the National Center for Atmospheric Research (NCAR) in Boulder, CO; the Incorporated Research Institutions for Seismology (IRIS) Data Center; and the Southern California Earthquake Center.

1. PandA <-> CARC      (Required)
2. PandA <-> Sevilleta (Required)
3. PandA <-> HSLIC     (Required)
4. PandA <-> LWA1   (Desired)

1. Logan Hall <--> CARC     (Required)
2. Logan Hall <--> MRN      (Required)
3. MRN <--> CARC              (Preferred)

Cost provided
Thank You

Questions?