

**Amendment 3 to the Western Regional Networking Agreement –
November 4, 2011 (“Effective Date”)**

This AMENDMENT 3 (“AMENDMENT”) is incorporated into the This Western Regional Networking Agreement (“AGREEMENT”) entered into as of December 1, 2009 by, and on behalf of, the Parties to this ADDENDUM, including CENIC, a California 501(c)3 corporation, (“CENIC”) with headquarters in La Mirada, California; the Front Range GigaPoP (“FRGP”), a project of the University Corporation for Atmospheric Research (“UCAR”) located in Boulder, Colorado; the Pacific Northwest Gigapop, a Washington 501(c)3 corporation (“PNWGP”) with headquarters in Seattle, Washington; and the Regents of the University of New Mexico (“UNM”), an institution of higher education with main campus in Albuquerque, New Mexico; each individually a “Party” and collectively the “Parties” to this ADDENDUM.

Whereas, the Parties entered into the Western Regional Networking Agreement on December 1, 2009; and

Whereas, the Parties wish to accept a new Primary Participant into the WRN; and

Whereas, the Parties wish to amend the AGREEMENT to allow The University of Hawaii (UH) as a Primary Participant;


Henceforth, therefore, the Parties agree to the following:

1. By signing this AMENDMENT, all existing Parties as of November 4, 2011 and the University of Hawaii agree to all conditions included in the AGREEMENT, effective December 1, 2009, Amendment 1 to the Western Regional Networking Agreement effective July 22, 2010, and Amendment 2 to the Western Regional Networking Agreement effective December 1, 2010,
2. All references to Parties in the AGREEMENT effective December 1, 2009, Amendment 1 to the Western Regional Networking Agreement effective July 22, 2010, and Amendment 2 to the Western Regional Networking Agreement effective December 1, 2010 will now include the University of

Hawaii ("UH"), an institution of higher education with the main campus in Honolulu, Hawaii.

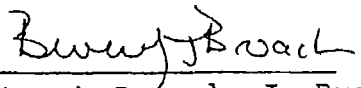
IN WITNESS WHEREOF, THE PARTIES HERETO HAVE EXECUTED THIS AMENDMENT

For CENIC:


Signed

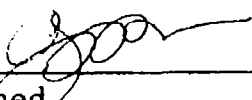
11-9-2011
Date

For the UCAR on behalf of FRGP:


Signed Beverly J. Broach
Agreements Administrator

11/9/11
Date

For the PNWGP:


Signed


11-11-11
Date

For LNM:


Signed

11-16-2011
Date

For UH:


Signed

11-12-11
Date