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Procedure

Connecting ExaStore NFS Server to Brisque 4.1 and Brisque 5.x

Product and platform:

Products: Brisque® 4.1, 5.x

Platform: All Brisque 4.1 and Brisque 5.x platforms

Operating system: IBM® AIX® 4.3.3, 5.2

Overview

This document describes Brisque 5.0 connectivity to an ExaStore NFS server. For further technical information, refer to http://www.exanet.com.

Mounting NFS share on Brisque

A Brisque 6E3 workstation was connected to ExaStore with an internal GIGA interface to Exanet GIGA switch. The share was defined by an Exanet engineer and then was NFS-mounted on Brisque 5.

Without Jumbo frames, the copy rate was approximately 30 MB/sec in both directions.
When Jumbo frames were enabled, the copy from AIX® to ExaStore increased to approximately 85 MB/sec, while the copy from ExaStore to AIX increased to approximately 90 MB/sec.

Note: When the ExaStore IP address was added to the Brisque hosts, the mount failed and a security error message appeared. Therefore, the mount was performed manually using the ExaStore IP address.

There were no Brisque 5 client functionality problems when working with this mount.

ExaStore HELIOS configuration on Brisque

After performing the mount, the mountpoint was published via HELIOS®, as follows:

1. Using **vi**, select the **/usr/local/es/conf/afpvolumes** file.
2. Type the following command (make sure to use the correct hostname and mountpoint):
   /dataVolumes/Exastore.1.0:Exastore.1.0::fixed:readwrite:
3. Restart HELIOS, by running **/usr/local/es/res**
4. Mount the above share (for example—**/dataVolumes/Exastore.1.0**) on Mac OS® X using the **afp** protocol.

Brisque configuration on ExaStore server

The NFS share configuration on ExaStore was performed by an ExaStore engineer who defined and exported an NFS share for Brisque.

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