

## NETWORK COPY FROM SECTOR19 TO A HOME INSTITUTE

For security reasons, users are not permitted to connect "into" SBC computers from outside of Sector 19; however, SBC does not block outgoing ftp or SCP connections. In order to conserve bandwidth on our local network for critical processes such as data acquisition, **please initiate data transfers ONLY FROM THE *Data Transfer Server* for your assigned beamline.** Of course, we recommend the secure "SCP" connection over "ftp" due to the clear-text-password vulnerabilities present in ftp. We at SBC highly recommend that users perform network transfers of at least their "results" to their home institutes as soon as possible. Some SBC users have also successfully transferred their raw data to their home institutes using this method at reported data rates which they describe as "reasonable". As with any backup method, do not wait until the last minute to begin your backups. Although there are bandwidth issues in our local network, I can still recommend this method, provided your home institute supports it.

Please feel free to contact me concerning any questions about data backup at SBC:

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