	Parameters	Description
ABT		Abort backup/recovery
ACC	username	Accept connection from
ACS	size	Space left to use for backup
BCK	size, number_of_files, factor	Backup this much with security factor
CHA	time, random no	Challenge
CRC	checksum	Checksum
DBU		Complete backup done
DEL	filename	Delete file
DFI	filename, username	Transfer of file to completed
DS1	plaintext, cipher text	Digital signature from client1
DS2	plaintext, cipher text	Digital signature from client2
DST	filename, ip, username, key, factor	Destination for file
ERR	username	Recovery when the hub is down
FIL	filename, filesize	File is coming
GET	filename, filesize	Get file
GIP	username	Get this user's IP-address
GIX	username	Get index file
IDX	number, filename	# of index files is stored
KEY	key	Key
LET	ip, username, key	Get prepared to send file to
LOG	username, version	Login
MOV	filename, old_username, new_username	This file has been moved from to
NFI		Next file
NST	username	File is not stored by
OFF	username	This user is offline
OUT		Log out
PIX	filename, filesize, factor	Backup index file
PUT	filename, filesize	Backup file
RCV	ip, username, key	Get ready to receive file from
REC	username	Recover backup from
REM	username, filename, size	Remove file from
REQ	filename, key	Request CRC, hashed with this key
RRC		Reverse recovery
RSP	hash-string	Response
SHA	size	Share
SRC	ip, username, key	Source for requested file
SRR	filename, ip, username, key	Source for reverse recovery
STP	username	Stop listening for connection from
TIP	username, ip	This is the user's IP-address
TRA	filename, ip, username, key	Transfer this file to
WRN	username	Warning

Classification of replies

2XX, Positive Completion reply, requested action has been successfully completed

201	Verification client-hub succeeded
202	OK to begin backup
203	File is deleted
204	Verification of Client1 succeeded
205	File received
206	Username OK
207	One or more index files exists
208	Share OK
209	Key received
211	OK to send file
212	Transfer completed
213	Verification of Client2 succeeded
214	Reverse recovery done
215	Update done
216	Backup/recovery aborted

3XX, Positive Intermediate reply, command has been accepted, but requested action is being held in abeyance, pending receipt of further information

301	Verification client-hub succeeded, size of share needed
302	Verification client-hub succeeded, key is needed

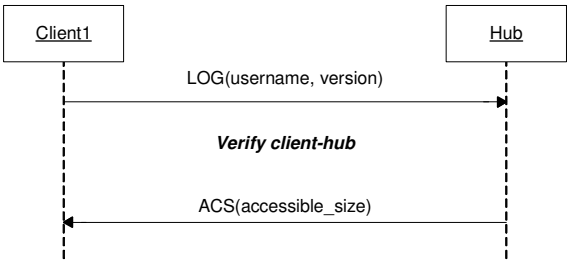
4XX, Transient Negative Completion reply, command was not accepted and the requested action did not take place, but the error condition is temporary and the action may be requested again

401	User does not exist
402	Verification client-hub did not succeed
403	Accessible space not sufficient
404	Share is smaller than used space
405	User is not online
406	No client online with enough space

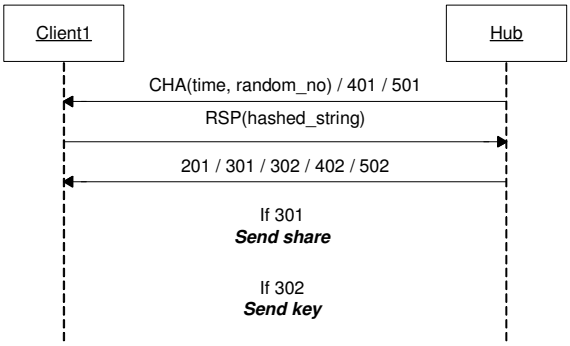
5XX, Permanent Negative Completion reply, command was not accepted and the requested action did not take place

501	IP-address blocked after failed login attempt
502	User account blocked after failed login attempt
503	This file is not mine
505	Requested file does not exist

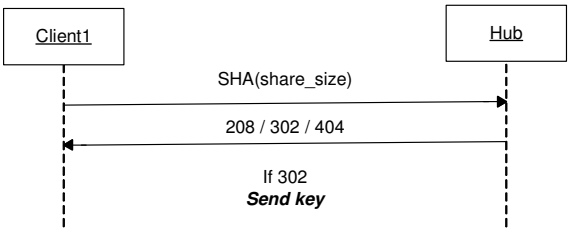
Login



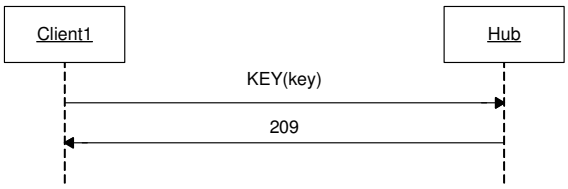
Verify client-hub



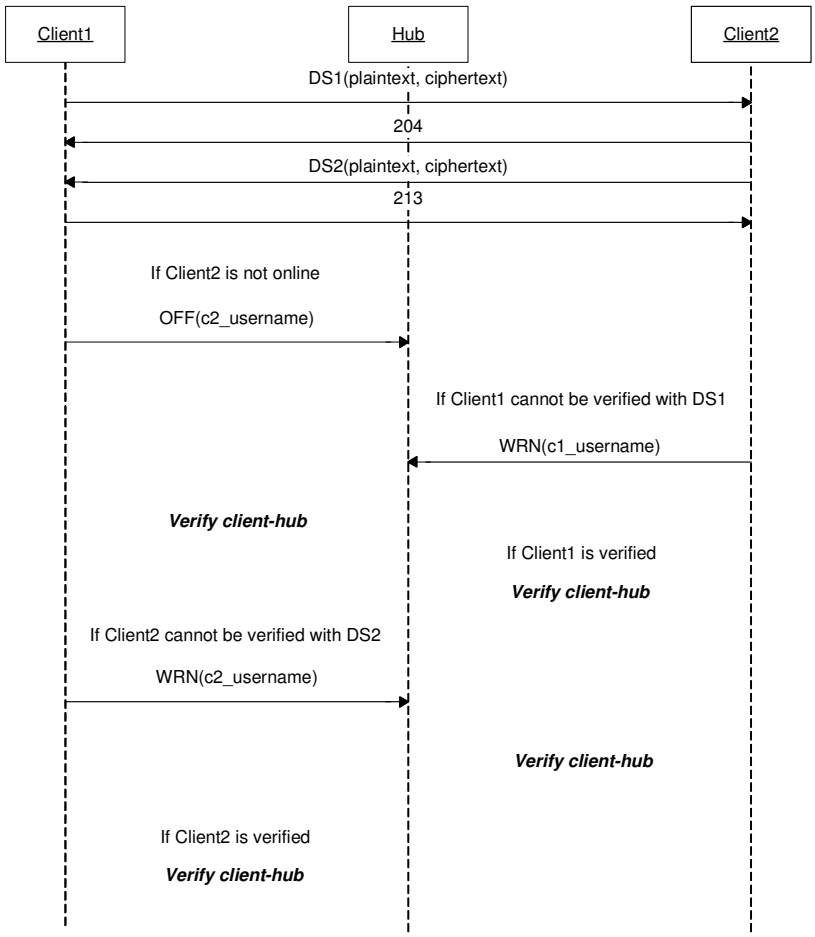
Send share



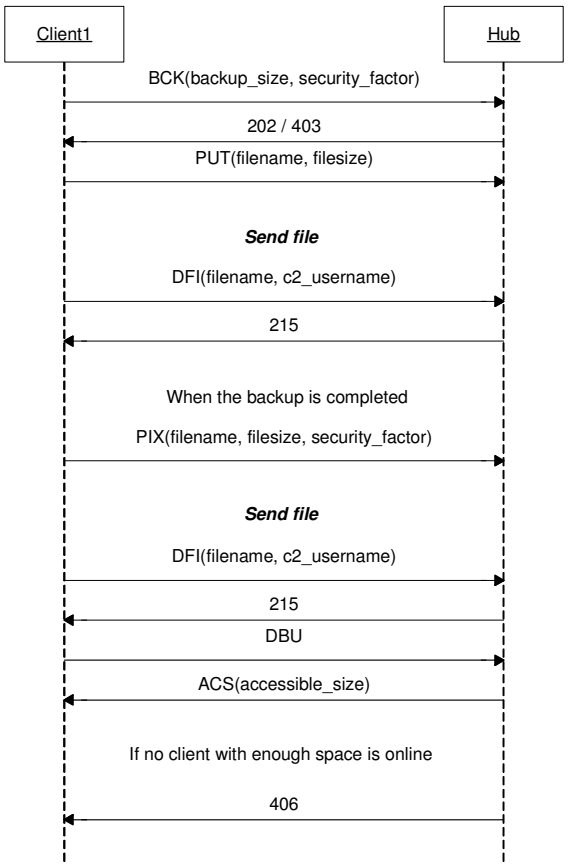
Send key



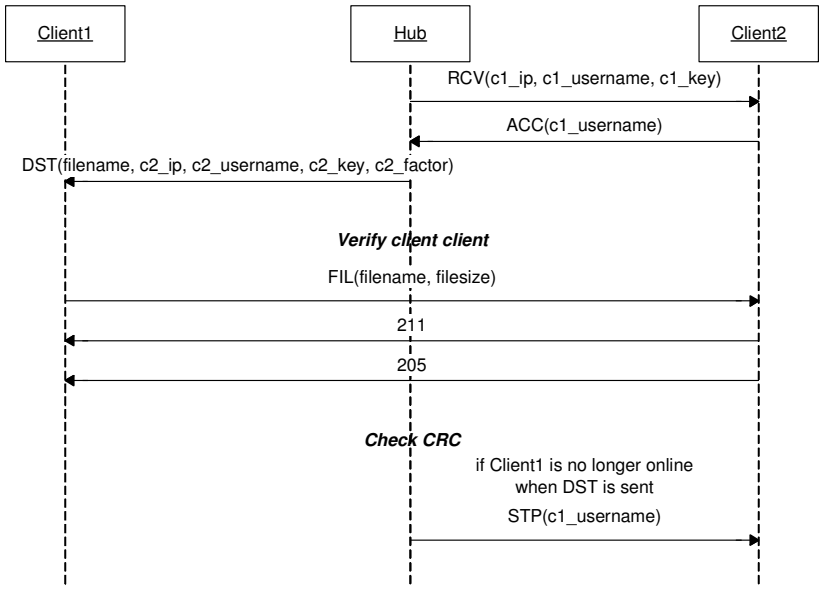
Verify client-client



Backup

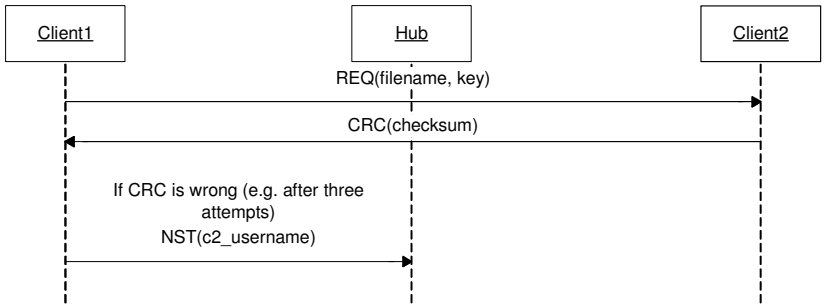


Send file

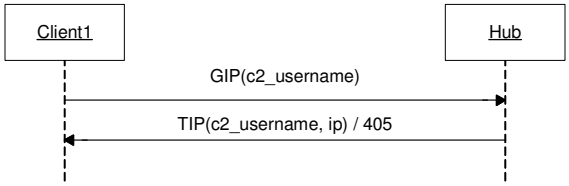


Check CRC

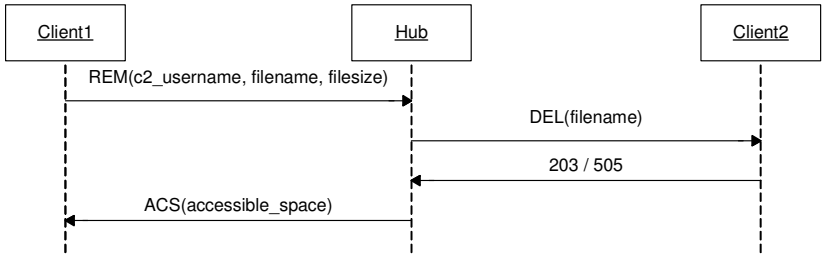
If not part of a ***Send File***, ***Get client IP*** and ***Verify client client*** will be executed first



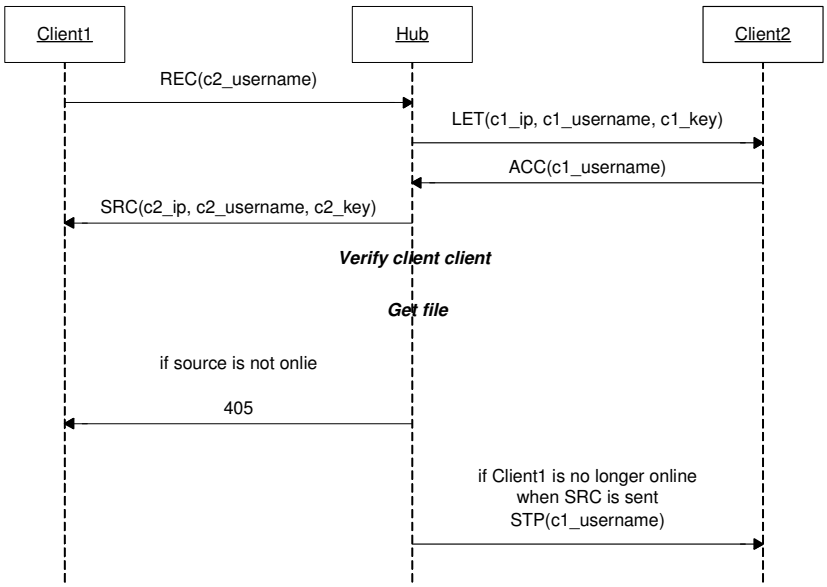
Get client IP



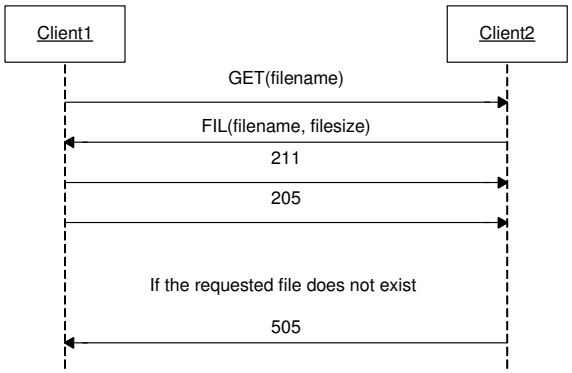
Delete backup



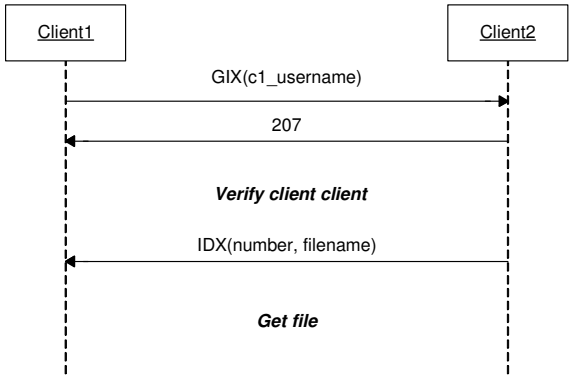
Recover



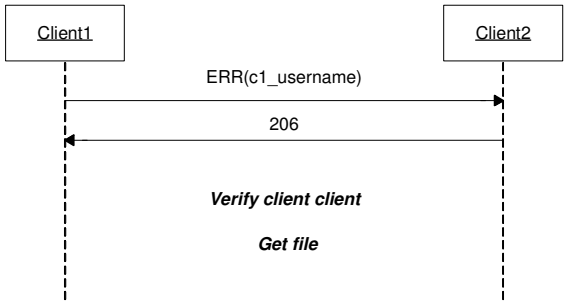
Get file



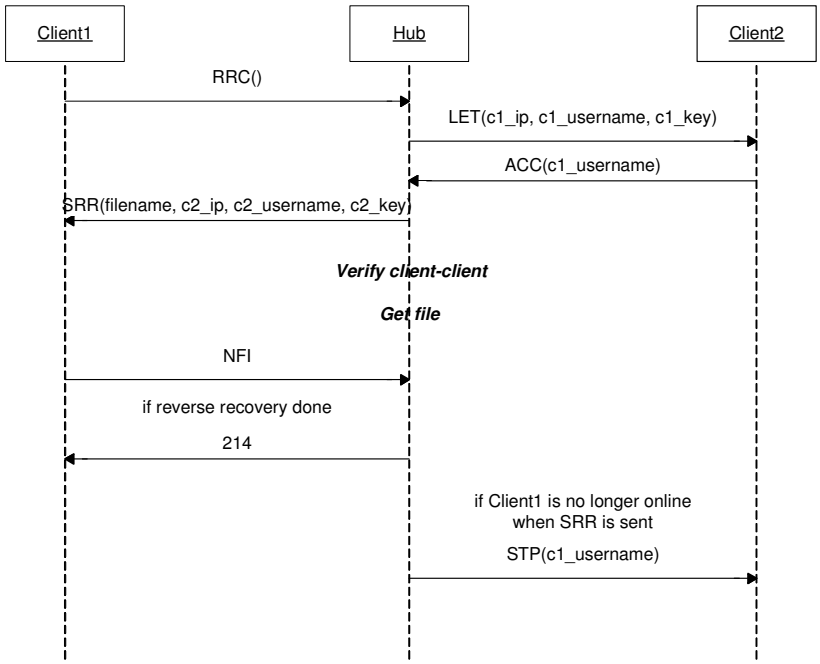
Get index file



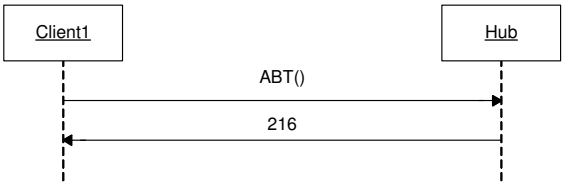
Emergency recover



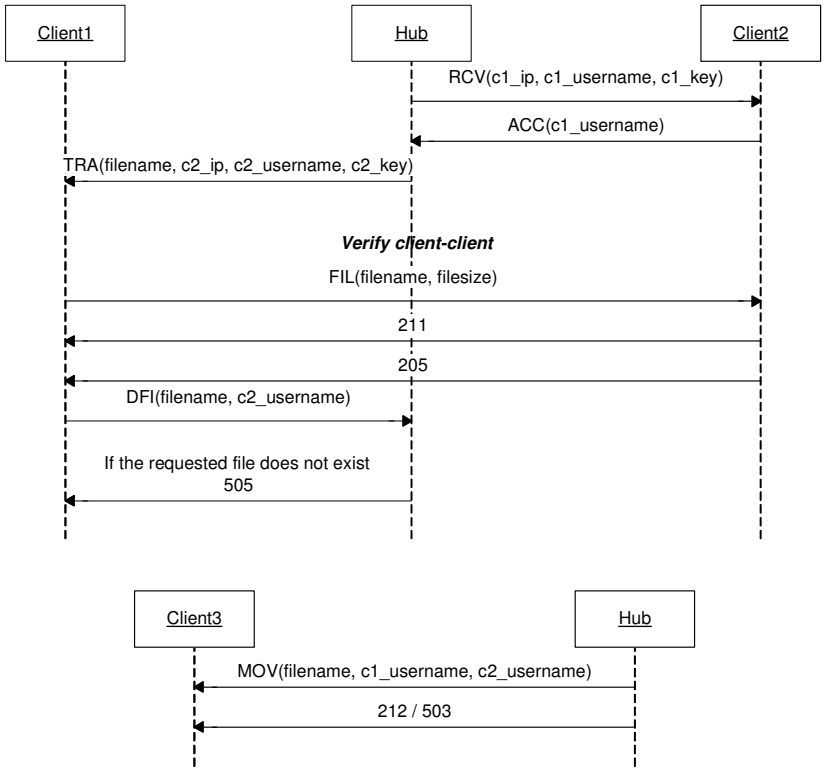
Reverse recovery



Abort backup/recovery



Move file



Logout