filename	chunk_id	chunk_siz e	local_file	serverlist	avaiability	version	timestamp
file1.txt	1	8192	ABC	S3,S2,S5	[1 -1 0]	[1 2 2]->[1 3 3]	
file1.txt	2	8192	DEF	S1,S2,S4	[1 1 1]		
file1.txt	3	4096	GHI	S2,S3,S5	[1 1 1]		
file2.txt	1	5	XYZ	S4,S2,S1	[1 1 1]		

primary key(filename, chunk_num)

The maximum amount of data can be appended at a time is 2048 bytes.

8192 - S < appended data size: a new chunk

Test case:

- 1. normal:
 - create and append, then check the chunks and DB
- 2. read
 - 2.1 read
 - 2.2 read more than a chunk maximum size
- 3. append:
 - 3.1 one append
 - 3.2 current append
- 4. recovery turn off s1 append to file, which has chunks on s1 recovery s1 check the result



