Splint:

For client.c

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-(kali®kali)-[~/RemoteBackupUtility/CUT/CODE/src]
splint client.c
Splint 3.1.2 — 21 Feb 2021
client.c:2: Include file <unistd.h> matches the name of a POSIX library, but
    the POSIX library is not being used. Consider using +posixlib or
    +posixstrictlib to select the POSIX library, or -warnposix to suppress this
    message.
 Header name matches a POSIX header, but the POSIX library is not selected.
  (Use -warnposixheaders to inhibit warning)
client.c:6: Include file <sys/stat.h> matches the name of a POSIX library, but
    the POSIX library is not being used. Consider using +posixlib or
    +posixstrictlib to select the POSIX library, or -warnposix to suppress this
client.c:7: Include file <dirent.h> matches the name of a POSIX library, but
    the POSIX library is not being used. Consider using +posixlib or
    +posixstrictlib to select the POSIX library, or -warnposix to suppress this
    message.
client.c: (in function send_file)
client.c:14:21: Initializer block for data has 1 element, but declared as char
                  [1024]: 0
 Initializer does not define all elements of a declared array. (Use
  -initallelements to inhibit warning)
client.c:14:22: Initial value of data[0] is type int, expects char: 0
  Types are incompatible. (Use -type to inhibit warning)
client.c:15:30: Format argument 2 to printf (%ld) expects long int gets size_t:
                   strlen(filename)
 To allow arbitrary integral types to match long unsigned, use +longintegral.
  client.c:15:16: Corresponding format code
client.c:23:10: Argument to exit has implementation defined behavior: 1
  The argument to exit should be 0, EXIT_SUCCESS or EXIT_FAILURE (Use -exitarg
  to inhibit warning)
client.c:29:12: Argument to exit has implementation defined behavior: 1
client.c:31:5: Unrecognized identifier: bzero
  Identifier used in code has not been declared. (Use -unrecog to inhibit
  warning)
client.c:33:10: Possibly null storage data passed as non-null param:
                  strcpy (data, ...)
 A possibly null pointer is passed as a parameter corresponding to a formal
 parameter with no /*@null@*/ annotation. If NULL may be used for this
 parameter, add a /*@null@*/ annotation to the function parameter declaration.
 (Use -nullpass to inhibit warning)
  client.c:14:21: Storage data may become null
client.c:34:3: Return value (type ssize_t) ignored: send(sockfd, dat ...
  Result returned by function call is not used. If this is intended, can cast
  result to (void) to eliminate message. (Use -retvalother to inhibit warning)
client.c: (in function main)
client.c:46:3: Suspect modification of observer las_backup[]:
                  las_backup[strlen(las_backup) - 1] = '\0'
 Storage declared with observer is possibly modified. Observer storage may not
 be modified. (Use -modobserver to inhibit warning)
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For server.c

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-(kali® kali)-[~/RemoteBackupUtility/CUT/CODE/src]
splint server.c
Splint 3.1.2 — 21 Feb 2021
server.c:4: Include file <sys/stat.h> matches the name of a POSIX library, but
   the POSIX library is not being used. Consider using +posixlib or
   +posixstrictlib to select the POSIX library, or -warnposix to suppress this
   message.
 Header name matches a POSIX header, but the POSIX library is not selected.
  (Use -warnposixheaders to inhibit warning)
server.c: (in function write file)
server.c:20:7: Argument to exit has implementation defined behavior: 1
  The argument to exit should be 0, EXIT_SUCCESS or EXIT_FAILURE (Use -exitarg
 to inhibit warning)
server.c:22:10: Test expression for while not boolean, type int: 1
  Test expression type is not boolean or int. (Use -predboolint to inhibit
  warning)
server.c:23:22: Passed storage buffer not completely defined (*buffer is
                  undefined): recv ( ... , buffer, ... )
  Storage derivable from a parameter, return value or global is not defined.
 Use /*@out@*/ to denote passed or returned storage which need not be defined.
 (Use -compdef to inhibit warning)
server.c:23:5: Assignment of ssize_t to int: n = recv(sockfd, buffer, 1024, 0)
  To allow arbitrary integral types to match any integral type, use
  +matchanyintegral.
server.c:26:7: Unreachable code: return
  This code will never be reached on any possible execution. (Use -unreachable
  to inhibit warning)
server.c:29:5: Unrecognized identifier: bzero
  Identifier used in code has not been declared. (Use -unrecog to inhibit
 warning)
```