

1. Save the return address

2. Push two zeros to the stack

3. Push the registers used to calculate CRC

4. Calculate CRC

5. Save CRC

6. Pop the registers used to calculate CRC

7. Push the registers used to copy memory

8. Verify STP

9. Copy stack frame

10. Update STP

11. Pop the registers used to copy memory

12. Push the stack frame register

13. Create the stack frame of the function

14. Push the stack frame size

15. Push the arguments and local variables in the stack