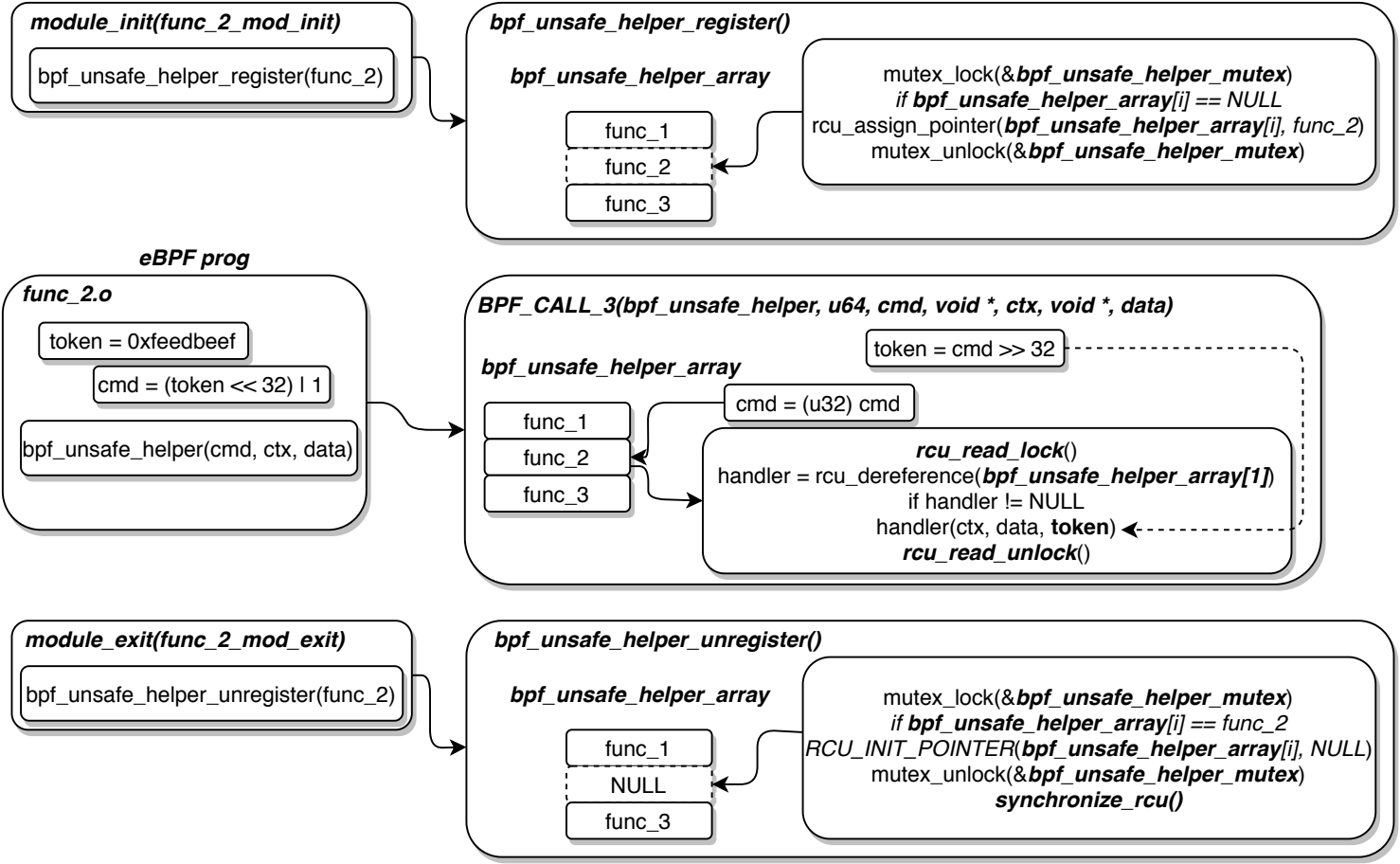
module_init(func_2_mod_init)
bpf_unsafe_helper_register(func_2)
bpf_unsafe_helper_register()
bpf_unsafe_helper_array
func_1
func_2
func_3
mutex_lock(&bpf_unsafe_helper_mutex)
if bpf_unsafe_helper_array[i] == NULL
rcu_assign_pointer(bpf_unsafe_helper_array[i], func_2)
mutex_unlock(&bpf_unsafe_helper_mutex)
eBPF prog
func_2.o
token = 0xfeedbeef
cmd = (token << 32) | 1
bpf_unsafe_helper(cmd, ctx, data)
BPF_CALL_3(bpf_unsafe_helper, u64, cmd, void *, ctx, void *, data)
token = cmd >> 32
bpf_unsafe_helper_array
cmd = (u32) cmd
func_1
func_2
func_3
rcu_read_lock()
handler = rcu_dereference(bpf_unsafe_helper_array[1])
if handler != NULL
handler(ctx, data, token)
rcu_read_unlock()
module_exit(func_2_mod_exit)
bpf_unsafe_helper_unregister(func_2)
bpf_unsafe_helper_unregister()
bpf_unsafe_helper_array
func_1
NULL
func_3
mutex_lock(&bpf_unsafe_helper_mutex)
if bpf_unsafe_helper_array[i] == func_2
RCU_INIT_POINTER(bpf_unsafe_helper_array[i], NULL)
mutex_unlock(&bpf_unsafe_helper_mutex)
synchronize_rcu()