

Security Sensitive Syscall Review

cc	%rax	%rax	System call	%rdi	%rsi	%rdx	%r10	%r8	%r9
<div><div></div><div></div></div>	0	0x0	sys_read	unsigned int fd	char *buf	size_t count			
<div><div></div><div></div></div>	1	0x1	sys_write	unsigned int fd	const char *buf	size_t count			
<div><div></div><div></div><div></div></div>	2	0x2	sys_open	const char *filename	int flags	int mode			
<div><div></div><div></div></div>	3	0x3	sys_close	unsigned int fd					
<div><div></div><div></div></div>	4	0x4	sys_stat	const char *filename	struct stat *statbuf				
<div><div></div><div></div></div>	5	0x5	sys_fstat	unsigned int fd	struct stat *statbuf				
<div><div></div><div></div></div>	6	0x6	sys_lstat	fconst char *filename	struct stat *statbuf				
<div><div></div><div></div></div>	7	0x7	sys_poll	struct poll_fd *ufds	unsigned int nfds	long timeout_msecs			
<div><div></div><div></div></div>	8	0x8	sys_lseek	unsigned int fd	off_t offset	unsigned int origin			
<div><div></div><div></div><div></div></div>	9	0x9	sys_mmap	unsigned long addr	unsigned long len	unsigned long prot	unsigned long flags	unsigned long fd	unsigned long off
<div><div></div><div></div></div>	10	0xa	sys_mprotect	unsigned long start	size_t len	unsigned long prot			
<div><div></div><div></div></div>	11	0xb	sys_munmap	unsigned long addr	size_t len				
<div><div></div><div></div></div>	12	0xc	sys_brk	unsigned long brk					
<div><div></div><div></div><div></div></div>	13	0xd	sys_rt_sigaction	int sig	const struct sigaction *act	struct sigaction *oact	size_t sigsetsize		
<div><div></div><div></div></div>	14	0xe	sys_rt_sigprocmask	int how	sigset_t *nset	sigset_t *oset	size_t sigsetsize		
<div><div></div><div></div></div>	15	0xf	sys_rt_sigreturn	unsigned long __unused					
<div><div></div><div></div><div></div></div>	16	0x10	sys_ioctl	unsigned int fd	unsigned int cmd	unsigned long arg			
<div><div></div><div></div></div>	17	0x11	sys_pread64	unsigned long fd	char *buf	size_t count	loff_t pos		
<div><div></div><div></div></div>	18	0x12	sys_pwrite64	unsigned int fd	const char *buf	size_t count	loff_t pos		
<div><div></div><div></div></div>	19	0x13	sys_readv	unsigned long fd	const struct iovec *vec	unsigned long vlen			
<div><div></div><div></div></div>	20	0x14	sys_writev	unsigned long fd	const struct iovec *vec	unsigned long vlen			
<div><div></div><div></div></div>	21	0x15	sys_access	const char *filename	int mode				
<div><div></div><div></div></div>	22	0x16	sys_pipe	int *filedes					
<div><div></div><div></div></div>	23	0x17	sys_select	int n	fd_set *inp	fd_set *outp	fd_set*exp	struct timeval *tvp	
<div><div></div><div></div></div>	24	0x18	sys_sched_yield						
<div><div></div><div></div></div>	25	0x19	sys_mremap	unsigned long addr	unsigned long old_len	unsigned long new_len	unsigned long flags	unsigned long new_addr	
<div><div></div><div></div></div>	26	0x1a	sys_msync	unsigned long start	size_t len	int flags			
<div><div></div><div></div><div></div></div>	27	0x1b	sys_mincore	unsigned long start	size_t len	unsigned char *vec			
<div><div></div><div></div></div>	28	0x1c	sys_madvise	unsigned long start	size_t len_in	int behavior			
<div><div></div><div></div></div>	29	0x1d	sys_shmget	key_t key	size_t size	int shmflg			
<div><div></div><div></div><div></div></div>	30	0x1e	sys_shmat	int shmid	char *shmaddr	int shmflg			
<div><div></div><div></div></div>	31	0x1f	sys_shmctl	int shmid	int cmd	struct shmids *buf			
<div><div></div><div></div></div>	32	0x20	sys_dup	unsigned int fildes					
<div><div></div><div></div></div>	33	0x21	sys_dup2	unsigned int oldfd	unsigned int newfd				
<div><div></div><div></div></div>	34	0x22	sys_pause						
<div><div></div><div></div></div>	35	0x23	sys_nanosleep	struct timespec *rqtp	struct timespec *rmtp				
<div><div></div><div></div></div>	36	0x24	sys_getitimer	int which	struct itimerval *value				
<div><div></div><div></div></div>	37	0x25	sys_alarm	unsigned int seconds					
<div><div></div><div></div></div>	38	0x26	sys_setitimer	int which	struct itimerval *value	struct itimerval *ovalue			
<div><div></div><div></div></div>	39	0x27	sys_getpid						
<div><div></div><div></div></div>	40	0x28	sys_sendfile	int out_fd	int in_fd	off_t *offset	size_t count		
<div><div></div><div></div><div></div></div>	41	0x29	sys_socket	int family	int type	int protocol			
<div><div></div><div></div></div>	42	0x2a	sys_connect	int fd	struct sockaddr *uservaddr	int addrlen			
<div><div></div><div></div></div>	43	0x2b	sys_accept	int fd	struct sockaddr *upeer_sockaddr	int *upeer_addrlen			
<div><div></div><div></div></div>	44	0x2c	sys_sendto	int fd	void *buff	size_t len	unsigned flags	struct sockaddr *addr	int addr_len
<div><div></div><div></div></div>	45	0x2d	sys_recvfrom	int fd	void *ubuf	size_t size	unsigned flags	struct sockaddr *addr	int *addr_len
<div><div></div><div></div></div>	46	0x2e	sys_sendmsg	int fd	struct msghdr *msg	unsigned flags			
<div><div></div><div></div></div>	47	0x2f	sys_recvmsg	int fd	struct msghdr *msg	unsigned int flags			
<div><div></div><div></div><div></div></div>	48	0x30	sys_shutdown	int fd	int how				
<div><div></div><div></div></div>	49	0x31	sys_bind	int fd	struct sokaddr *umyaddr	int addrlen			
<div><div></div><div></div></div>	50	0x32	sys_listen	int fd	int backlog				
<div><div></div><div></div></div>	51	0x33	sys_getsockname	int fd	struct sockaddr *usockaddr	int *usockaddr_len			
<div><div></div><div></div></div>	52	0x34	sys_getpeername	int fd	struct sockaddr *usockaddr	int *usockaddr_len			
<div><div></div><div></div><div></div></div>	53	0x35	sys_socketpair	int family	int type	int protocol	int *usockvec		
<div><div></div><div></div></div>	54	0x36	sys_setsockopt	int fd	int level	int optname	char *optval	int optlen	
<div><div></div><div></div></div>	55	0x37	sys_getsockopt	int fd	int level	int optname	char *optval	int *optlen	
<div><div></div><div></div><div></div></div>	56	0x38	sys_clone	unsigned long clone_flags	unsigned long newsp	void *parent_tid			
<div><div></div><div></div><div></div></div>	57	0x39	sys_fork						
<div><div></div><div></div><div></div></div>	58	0x3a	sys_vfork						
<div><div></div><div></div><div></div></div>	59	0x3b	sys_execve	const char *filename	const char *const argv[]	const char *const envp[]			
<div><div></div><div></div></div>	60	0x3c	sys_exit	int error_code					
<div><div></div><div></div></div>	61	0x3d	sys_wait4	pid_t upid	int *stat_addr	int options	struct rusage *ru		
<div><div></div><div></div><div></div></div>	62	0x3e	sys_kill	pid_t pid	int sig				
<div><div></div><div></div><div></div></div>	63	0x3f	sys_uname	struct old_utsname *name					

Critical:

Needs privilege:

To chain:

Safe:

No state change:

Other:

No wrapper:

cc	%rax	%rax	System call	%rdi	%rsi	%rdx	%r10	%r8	%r9
<div><div></div></div>	64	0x40	sys_semget	key_t key	int nsems	int semflg			
<div><div></div><div></div></div>	65	0x41	sys_semop	int semid	struct sembuf *tsops	unsigned nsops			
<div><div></div><div></div></div>	66	0x42	sys_semctl	int semid	int semnum	int cmd	union semun arg		
<div><div></div></div>	67	0x43	sys_shmdt	char *shmaddr					
<div><div></div></div>	68	0x44	sys_msgget	key_t key	int msgflg				
<div><div></div></div>	69	0x45	sys_msgsnd	int msqid	struct msgbuf *msgp	size_t msgsz	int msgflg		
<div><div></div></div>	70	0x46	sys_msgrcv	int msqid	struct msgbuf *msgp	size_t msgsz	long msgtyp	int msgflg	
<div><div></div></div>	71	0x47	sys_msgctl	int msqid	int cmd	struct msqid_ds *buf			
<div><div></div><div></div></div>	72	0x48	sys_fcntl	unsigned int fd	unsigned int cmd	unsigned long arg			
<div><div></div></div>	73	0x49	sys_flock	unsigned int fd	unsigned int cmd				
<div><div></div></div>	74	0x4a	sys_fsync	unsigned int fd					
<div><div></div></div>	75	0x4b	sys_fdatasync	unsigned int fd					
<div><div></div><div></div></div>	76	0x4c	sys_truncate	const char *path	long length				
<div><div></div><div></div></div>	77	0x4d	sys_ftruncate	unsigned int fd	unsigned long length				
<div><div></div><div></div><div></div></div>	78	0x4e	sys_getdents	unsigned int fd	struct linux_dirent *dirent	unsigned int count			
<div><div></div></div>	79	0x4f	sys_getcwd	char *buf	unsigned long size				
<div><div></div></div>	80	0x50	sys_chdir	const char *filename					
<div><div></div></div>	81	0x51	sys_fchdir	unsigned int fd					
<div><div></div></div>	82	0x52	sys_rename	const char *oldname	const char *newname				
<div><div></div></div>	83	0x53	sys_mkdir	const char *pathname	int mode				
<div><div></div></div>	84	0x54	sys_rmdir	const char *pathname					
<div><div></div></div>	85	0x55	sys_creat	const char *pathname	int mode				
<div><div></div></div>	86	0x56	sys_link	const char *oldname	const char *newname				
<div><div></div></div>	87	0x57	sys_unlink	const char *pathname					
<div><div></div></div>	88	0x58	sys_symlink	const char *oldname	const char *newname				
<div><div></div><div></div></div>	89	0x59	sys_readlink	const char *path	char *buf	int bufsiz			
<div><div></div></div>	90	0x5a	sys_chmod	const char *filename	mode_t mode				
<div><div></div><div></div></div>	91	0x5b	sys_fchmod	unsigned int fd	mode_t mode				
<div><div></div></div>	92	0x5c	sys_chown	const char *filename	uid_t user	gid_t group			
<div><div></div></div>	93	0x5d	sys_fchown	unsigned int fd	uid_t user	gid_t group			
<div><div></div></div>	94	0x5e	sys_lchown	const char *filename	uid_t user	gid_t group			
<div><div></div></div>	95	0x5f	sys_umask	int mask					
<div><div></div></div>	96	0x60	sys_gettimeofday	struct timeval *tv	struct timezone *tz				
<div><div></div></div>	97	0x61	sys_getrlimit	unsigned int resource	struct rlimit *rlim				
<div><div></div></div>	98	0x62	sys_getrusage	int who	struct rusage *ru				
<div><div></div></div>	99	0x63	sys_sysinfo	struct sysinfo *info					
<div><div></div></div>	100	0x64	sys_times	struct sysinfo *info					
<div><div></div><div></div></div>	101	0x65	sys_ptrace	long request	long pid	unsigned long addr	unsigned long data		
<div><div></div></div>	102	0x66	sys_getuid						
<div><div></div></div>	103	0x67	sys_syslog	int type	char *buf	int len			
<div><div></div></div>	104	0x68	sys_getgid						
<div><div></div></div>	105	0x69	sys_setuid	uid_t uid					
<div><div></div></div>	106	0x6a	sys_setgid	gid_t gid					
<div><div></div></div>	107	0x6b	sys_geteuid						
<div><div></div></div>	108	0x6c	sys_getegid						
<div><div></div><div></div></div>	109	0x6d	sys_setpgid	pid_t pid	pid_t pgid				
<div><div></div></div>	110	0x6e	sys_getppid						
<div><div></div></div>	111	0x6f	sys_getpgrp						
<div><div></div></div>	112	0x70	sys_setsid						
<div><div></div><div></div></div>	113	0x71	sys_setreuid	uid_t ruid	uid_t euid				
<div><div></div><div></div></div>	114	0x72	sys_setregid	gid_t rgid	gid_t egid				
<div><div></div></div>	115	0x73	sys_getgroups	int gidsetsize	gid_t *grouplist				
<div><div></div><div></div></div>	116	0x74	sys_setgroups	int gidsetsize	gid_t *grouplist				
<div><div></div><div></div></div>	117	0x75	sys_setresuid	uid_t *ruid	uid_t *euid	uid_t *suid			
<div><div></div><div></div></div>	118	0x76	sys_getresuid	uid_t *ruid	uid_t *euid	uid_t *suid			
<div><div></div><div></div></div>	119	0x77	sys_setresgid	gid_t rgid	gid_t egid	gid_t sgid			
<div><div></div></div>	120	0x78	sys_getresgid	gid_t *rgid	gid_t *egid	gid_t *sgid			
<div><div></div></div>	121	0x79	sys_getpgid	pid_t pid					
<div><div></div></div>	122	0x7a	sys_setfsuid	uid_t uid					
<div><div></div><div></div></div>	123	0x7b	sys_setfsgid	gid_t gid					
<div><div></div></div>	124	0x7c	sys_getsid	pid_t pid					
<div><div></div></div>	125	0x7d	sys_capget	cap_user_header_t header	cap_user_data_t dataptr				
<div><div></div><div></div></div>	126	0x7e	sys_capset	cap_user_header_t header	const cap_user_data_t data				
<div><div></div></div>	127	0x7f	sys_rt_sigpending	sigset_t *set	size_t sigsetsize				
<div><div></div></div>	128	0x80	sys_rt_sigtimedwait	const sigset_t *uthese	siginfo_t *uinfo	const struct timespec *uts	size_t sigsetsize		
<div><div></div><div></div></div>	129	0x81	sys_rt_sigqueueinfo	pid_t pid	int sig	siginfo_t *uinfo			

Critical:

Needs privilege:

To chain:

Safe:

No state change:

Other:

No wrapper:

cc	%rax	%rax	System call	%rdi	%rsi	%rdx	%r10	%r8	%r9
<div><div></div></div>	130	0x82	sys_rt_sigsuspend	sigset_t *unewset	size_t sigsetsize				
<div><div></div></div>	131	0x83	sys_sigaltstack	const stack_t *uss	stack_t *uoss				
<div><div></div></div>	132	0x84	sys_utime	char *filename	struct utimbuf *times				
<div><div></div></div>	133	0x85	sys_mknod	const char *filename	umode_t mode	unsigned dev			
NI <div><div></div></div>	134	0x86	sys_uselib	NI					
	135	0x87	sys_personality	unsigned int personality					
<div><div></div></div>	136	0x88	sys_ustat	unsigned dev	struct ustat *ubuf				
<div><div></div></div>	137	0x89	sys_statfs	const char *pathname	struct statfs *buf				
<div><div></div></div>	138	0x8a	sys_fstatfs	unsigned int fd	struct statfs *buf				
<div><div></div></div>	139	0x8b	sys_sysfs	int option	unsigned long arg1	unsigned long arg2			
<div><div></div></div>	140	0x8c	sys_getpriority	int which	int who				
<div><div></div></div>	141	0x8d	sys_setpriority	int which	int who	int niceval			
<div><div></div></div>	142	0x8e	sys_sched_setparam	pid_t pid	struct sched_param *param				
<div><div></div></div>	143	0x8f	sys_sched_getparam	pid_t pid	struct sched_param *param				
<div><div></div></div>	144	0x90	sys_sched_setscheduler	pid_t pid	int policy	struct sched_param *param			
<div><div></div></div>	145	0x91	sys_sched_getscheduler	pid_t pid					
<div><div></div></div>	146	0x92	sys_sched_get_priority_max	int policy					
<div><div></div></div>	147	0x93	sys_sched_get_priority_min	int policy					
<div><div></div></div>	148	0x94	sys_sched_rr_get_interval	pid_t pid	struct timespec *interval				
<div><div></div></div>	149	0x95	sys_mlock	unsigned long start	size_t len				
<div><div></div></div>	150	0x96	sys_munlock	unsigned long start	size_t len				
<div><div></div></div>	151	0x97	sys_mlockall	int flags					
<div><div></div></div>	152	0x98	sys_munlockall						
<div><div></div></div>	153	0x99	sys_vhangup						
<div><div></div></div>	154	0x9a	sys_modify_ldt	int func	void *ptr	unsigned long bytecount			
<div><div></div></div>	155	0x9b	sys_pivot_root	const char *new_root	const char *put_old				
<div><div></div></div>	156	0x9c	sys__sysctl	struct __sysctl_args *args					
<div><div></div></div>	157	0x9d	sys_prctl	int option	unsigned long arg2	unsigned long arg3	unsigned long arg4		unsigned long arg5
<div><div></div></div>	158	0x9e	sys_arch_prctl	struct task_struct *task	int code	unsigned long *addr			
<div><div></div></div>	159	0x9f	sys_adjtimex	struct timex *txc_p					
<div><div></div></div>	160	0xa0	sys_setrlimit	unsigned int resource	struct rlimit *rlim				
<div><div></div></div>	161	0xa1	sys_chroot	const char *filename					
<div><div></div></div>	162	0xa2	sys_sync						
<div><div></div></div>	163	0xa3	sys_acct	const char *name					
<div><div></div></div>	164	0xa4	sys_settimeofday	struct timeval *tv	struct timezone *tz				
<div><div></div></div>	165	0xa5	sys_mount	char *dev_name	char *dir_name	char *type	unsigned long flags	void *data	
<div><div></div></div>	166	0xa6	sys_umount2	const char *target	int flags				
<div><div></div></div>	167	0xa7	sys_swapon	const char *specialfile	int swap_flags				
<div><div></div></div>	168	0xa8	sys_swapoff	const char *specialfile					
<div><div></div></div>	169	0xa9	sys_reboot	int magic1	int magic2	unsigned int cmd	void *arg		
<div><div></div></div>	170	0xaa	sys_sethostname	char *name	int len				
<div><div></div></div>	171	0xab	sys_setdomainname	char *name	int len				
<div><div></div></div>	172	0xac	sys_iopl	unsigned int level	struct pt_regs *regs				
<div><div></div></div>	173	0xad	sys_ioperm	unsigned long from	unsigned long num	int turn_on			
RM	474	<del>0xae</del>	<del>sys_create_module</del>	REMOVED IN Linux 2.6					
<div><div></div></div>	175	0xaf	sys_init_module	void *umod	unsigned long len	const char *uargs			
<div><div></div></div>	176	0xb0	sys_delete_module	const chat *name_user	unsigned int flags				
RM	477	<del>0xb1</del>	<del>stsys_get_kernel_syms</del>	REMOVED IN Linux 2.6					
RM	478	<del>0xb2</del>	<del>sys_query_module</del>	REMOVED IN Linux 2.6					
<div><div></div></div>	179	0xb3	sys_quotactl	unsigned int cmd	const char *special	qid_t id	void *addr		
NI	180	0xb4	sys_nfsservctl	NI					
NI	181	0xb5	sys_getpmsg	NI					
NI	182	0xb6	sys_putpmsg	NI					
NI	183	0xb7	sys_afs_syscall	NI					
NI	184	0xb8	sys_tuxcall	NI					
NI	185	0xb9	sys_security	NI					
<div><div></div></div>	186	0xba	sys_gettid						
<div><div></div></div>	187	0xbb	sys_readahead	int fd	loff_t offset	size_t count			
<div><div></div></div>	188	0xbc	sys_setxattr	const char *pathname	const char *name	const void *value	size_t size	int flags	
<div><div></div></div>	189	0xbd	sys_lsetxattr	const char *pathname	const char *name	const void *value	size_t size	int flags	
<div><div></div></div>	190	0xbe	sys_fsetxattr	int fd	const char *name	const void *value	size_t size	int flags	
<div><div></div></div>	191	0xbf	sys_getxattr	const char *pathname	const char *name	void *value	size_t size		
<div><div></div></div>	192	0xc0	sys_lgetxattr	const char *pathname	const char *name	void *value	size_t size		
<div><div></div></div>	193	0xc1	sys_fgetxattr	int fd	const har *name	void *value	size_t size		
<div><div></div></div>	194	0xc2	sys_listxattr	const char *pathname	char *list	size_t size			
<div><div></div></div>	195	0xc3	sys_llistxattr	const char *pathname	char *list	size_t size			

Critical:

Needs privilege:




























































































To chain:


Safe:


No state change:


Other:


No wrapper:


cc	%rax	%rax	System call	%rdi	%rsi	%rdx	%r10	%r8	%r9
	196	0xc4	sys_flistxattr	int fd	char *list	size_t size			
	197	0xc5	sys_removexattr	const char *pathname	const char *name				
	198	0xc6	sys_lremovexattr	const char *pathname	const char *name				
	199	0xc7	sys_fremovexattr	int fd	const char *name				
 	200	0xc8	sys_tkill	pid_t pid	ing sig				
	201	0xc9	sys_time	time_t *tloc					
 	202	0xca	sys_futex	u32 *uaddr	int op	u32 val	struct timespec *utime	u32 *uaddr2	u32 val3
	203	0xcb	sys_sched_setaffinity	pid_t pid	unsigned int len	unsigned long *user_mask_ptr			
	204	0xcc	sys_sched_getaffinity	pid_t pid	unsigned int len	unsigned long *user_mask_ptr			
NI	205	0xcd	sys_set_thread_area	NI. Use arch_prctl					
 	206	0xce	sys_io_setup	unsigned nr_events	aio_context_t *ctxp				
 	207	0xcf	sys_io_destroy	aio_context_t ctx					
  	208	0xd0	sys_io_getevents	aio_context_t ctx_id	long min_nr	long nr	struct io_event *events		
 	209	0xd1	sys_io_submit	aio_context_t ctx_id	long nr	struct iocb **iocbpp			
  	210	0xd2	sys_io_cancel	aio_context_t ctx_id	struct iocb *iocb	struct io_event *result			
NI	211	0xd3	sys_get_thread_area	NI. Use arch_prctl					
 	212	0xd4	sys_lookup_dcookie	u64 cookie64	long buf	long len			
 	213	0xd5	sys_epoll_create	int size					
NI	214	0xd6	sys_epoll_ctl_old	NI					
NI	215	0xd7	sys_epoll_wait_old	NI					
	216	0xd8	sys_remap_file_pages	unsigned long start	unsigned long size	unsigned long prot	unsigned long pgoff	unsigned long flags	
	217	0xd9	sys_getdents64	unsigned int fd	struct linux_dirent64 *dirent	unsigned int count			
 	218	0xda	sys_set_tid_address	int *tidptr					
 	219	0xdb	sys_restart_syscall						
 	220	0xdc	sys_semtime dop	int semid	struct sembuf *tsops	unsigned nsops	const struct timespec *timeout		
	221	0xdd	sys_fadvise64	int fd	loff_t offset	size_t len	int advice		
	222	0xde	sys_timer_create	const clockid_t which_clock	struct sigevent *timer_event_spec	timer_t *created_timer_id			
	223	0xdf	sys_timer_settime	timer_t timer_id	int flags	const struct itimerspec *new_setting	struct itimerspec *old_setting		
	224	0xe0	sys_timer_gettime	timer_t timer_id	struct itimerspec *setting				
	225	0xe1	sys_timer_getoverrun	timer_t timer_id					
	226	0xe2	sys_timer_delete	timer_t timer_id					
	227	0xe3	sys_clock_settime	const clockid_t which_clock	const struct timespec *tp				
	228	0xe4	sys_clock_gettime	const clockid_t which_clock	struct timespec *tp				
	229	0xe5	sys_clock_getres	const clockid_t which_clock	struct timespec *tp				
	230	0xe6	sys_clock_nanosleep	const clockid_t which_clock	int flags	const struct timespec *rqtp	struct timespec *rmtp		
 	231	0xe7	sys_exit_group	int error_code					
 	232	0xe8	sys_epoll_wait	int epfd	struct epoll_event *events	int maxevents	int timeout		
 	233	0xe9	sys_epoll_ctl	int epfd	int op	int fd	struct epoll_event *event		
 	234	0xea	sys_tgkill	pid_t tgid	pid_t pid	int sig			
	235	0xeb	sys_utimes	char *filename	struct timeval *utimes				
NI	236	0xec	sys_vserver	NI					
 	237	0xed	sys_mbind	unsigned long start	unsigned long len	unsigned long mode	unsigned long *nmask	unsigned long maxnode	unsigned flags
 	238	0xee	sys_set_mempolicy	int mode	unsigned long *nmask	unsigned long maxnode			
	239	0xef	sys_get_mempolicy	int *policy	unsigned long *nmask	unsigned long maxnode	unsigned long addr	unsigned long flags	
	240	0xf0	sys_mq_open	const char *u_name	int oflag	mode_t mode	struct mq_attr *u_attr		
	241	0xf1	sys_mq_unlink	const char *u_name					
	242	0xf2	sys_mq_timedsend	mqd_t mqdes	const char *u_msg_ptr	size_t msg_len	unsigned int msg_prio	const stuct timespec *u_abs_timeout	
	243	0xf3	sys_mq_timedreceive	mqd_t mqdes	char *u_msg_ptr	size_t msg_len	unsigned int *u_msg_prio	const struct timespec *u_abs_timeout	
	244	0xf4	sys_mq_notify	mqd_t mqdes	const struct sigevent *u_notification				
 	245	0xf5	sys_mq_getsetattr	mqd_t mqdes	const struct mq_attr *u_mqstat	struct mq_attr *u_omqstat			
 	246	0xf6	sys_kexec_load	unsigned long entry	unsigned long nr_segments	struct kexec_segment *segments	unsigned long flags		
	247	0xf7	sys_waitid	int which	pid_t upid	struct siginfo *infop	int options	struct rusage *ru	
 	248	0xf8	sys_add_key	const char *_type	const char *_description	const void *_payload	size_t plen		
 	249	0xf9	sys_request_key	const char *_type	const char *_description	const char *_callout_info	key_serial_t destringid		
 	250	0xfa	sys_keyctl	int option	unsigned long arg2	unsigned long arg3	unsigned long arg4	unsigned long arg5	
 	251	0xfb	sys_ioprio_set	int which	int who	int ioprio			
 	252	0xfc	sys_ioprio_get	int which	int who				
 	253	0xfd	sys_inotify_init						
	254	0xfe	sys_inotify_add_watch	int fd	const char *pathname	u32 mask			
	255	0xff	sys_inotify_rm_watch	int fd	__s32 wd				
 	256	0x100	sys_migrate_pages	pid_t pid	unsigned long maxnode	const unsigned long *old_nodes	const unsigned long *new_nodes		
 	257	0x101	sys_openat	int dfd	const char *filename	int flags	int mode		
	258	0x102	sys_mkdirat	int dfd	const char *pathname	int mode			
	259	0x103	sys_mknodat	int dfd	const char *filename	int mode	unsigned dev		
	260	0x104	sys_fchownat	int dfd	const char *filename	uid_t user	gid_t group	int flag	
	261	0x105	sys_futimesat	int dfd	const char *filename	struct timeval *utimes			


Critical: 


Needs privilege: 

To chain: 










































































Safe: 

No state change: 

Other: 

No wrapper: 



cc	%rax	%rax	System call	%rdi	%rsi	%rdx	%r10	%r8	%r9
	262	0x106	sys_newfstatat	int dfd	const char *filename	struct stat *statbuf	int flag		
	263	0x107	sys_unlinkat	int dfd	const char *pathname	int flag			
	264	0x108	sys_renameat	int oldfd	const char *oldname	int newfd	const char *newname		
	265	0x109	sys_linkat	int oldfd	const char *oldname	int newfd	const char *newname	int flags	
	266	0x10a	sys_symlinkat	const char *oldname	int newfd	const char *newname			
	267	0x10b	sys_readlinkat	int dfd	const char *pathname	char *buf	int bufsiz		
	268	0x10c	sys_fchmodat	int dfd	const char *filename	mode_t mode			
	269	0x10d	sys_faccessat	int dfd	const char *filename	int mode			
	270	0x10e	sys_pselect6	int n	fd_set *inp	fd_set *outp	fd_set *exp	struct timespec *tsp	void *sig
	271	0x10f	sys_ppoll	struct pollfd *ufds	unsigned int nfds	struct timespec *tsp	const sigset_t *sigmask	size_t sigsetsize	
	272	0x110	sys_unshare	unsigned long unshare_flags					
	273	0x111	sys_set_robust_list	struct robust_list_head *head	size_t len				
	274	0x112	sys_get_robust_list	int pid	struct robust_list_head **head_ptr	size_t *len_ptr			
	275	0x113	sys_splice	int fd_in	loff_t *off_in	int fd_out	loff_t *off_out	size_t len	unsigned int flags
	276	0x114	sys_tee	int fdin	int fdout	size_t len	unsigned int flags		
	277	0x115	sys_sync_file_range	long fd	loff_t offset	loff_t bytes	long flags		
	278	0x116	sys_vmsplice	int fd	const struct iovec *iov	unsigned long nr_segs	unsigned int flags		
	279	0x117	sys_move_pages	pid_t pid	unsigned long nr_pages	const void **pages	const int *nodes	int *status	int flags
	280	0x118	sys_utimensat	int dfd	const char *filename	struct timespec *utimes	int flags		
	281	0x119	sys_epoll_pwait	int epfd	struct epoll_event *events	int maxevents	int timeout	const sigset_t *sigmask	size_t sigsetsize
	282	0x11a	sys_signalfd	int ufd	sigset_t *user_mask	size_t sizemask			
	283	0x11b	sys_timerfd_create	int clockid	int flags				
	284	0x11c	sys_eventfd	unsigned int count					
	285	0x11d	sys_fallocate	long fd	long mode	loff_t offset	loff_t len		
	286	0x11e	sys_timerfd_settime	int ufd	int flags	const struct itimerspec *utmr	struct itimerspec *otmr		
	287	0x11f	sys_timerfd_gettime	int ufd	struct itimerspec *otmr				
	288	0x120	sys_accept4	int fd	struct sockaddr *upeer_sockaddr	int *upeer_addrlen	int flags		
	289	0x121	sys_signalfd4	int ufd	sigset_t *user_mask	size_t sizemask	int flags		
	290	0x122	sys_eventfd2	unsigned int count	int flags				
	291	0x123	sys_epoll_create1	int flags					
	292	0x124	sys_dup3	unsigned int oldfd	unsigned int newfd	int flags			
	293	0x125	sys_pipe2	int *filedes	int flags				
	294	0x126	sys_inotify_init1	int flags					
	295	0x127	sys_preadv	unsigned long fd	const struct iovec *vec	unsigned long vlen	unsigned long pos_l	unsigned long pos_h	
	296	0x128	sys_pwritev	unsigned long fd	const struct iovec *vec	unsigned long vlen	unsigned long pos_l	unsigned long pos_h	
	297	0x129	sys_rt_tgsigqueueinfo	pid_t tgid	pid_t pid	int sig	siginfo_t *uinfo		
	298	0x12a	sys_perf_event_open	struct perf_event_attr *attr_uptr	pid_t pid	int cpu	int group_fd	unsigned long flags	
	299	0x12b	sys_recvmmsg	int fd	struct mmsghdr *mmsg	unsigned int vlen	unsigned int flags	struct timespec *timeout	
	300	0x12c	sys_fanotify_init	unsigned int flags	unsigned int event_f_flags				
	301	0x12d	sys_fanotify_mark	long fanotify_fd	long flags	__u64 mask	long dfd	long pathname	
	302	0x12e	sys_prlimit64	pid_t pid	unsigned int resource	const struct rlimit64 *new_rlim	struct rlimit64 *old_rlim		
	303	0x12f	sys_name_to_handle_at	int dfd	const char *name	struct file_handle *handle	int *mnt_id	int flag	
	304	0x130	sys_open_by_handle_at	int dfd	const char *name	struct file_handle *handle	int *mnt_id	int flags	
	305	0x131	sys_clock_adjtime	clockid_t which_clock	struct timex *tx				
	306	0x132	sys_syncfs	int fd					
	307	0x133	sys_sendmmsg	int fd	struct mmsghdr *mmsg	unsigned int vlen	unsigned int flags		
	308	0x134	sys_setns	int fd	int nstype				
	309	0x135	sys_getcpu	unsigned *cpup	unsigned *nodep	struct getcpu_cache *unused			
	310	0x136	sys_process_vm_readv	pid_t pid	const struct iovec *lvec	unsigned long liovent	const struct iovec *rvec	unsigned long riovent	unsigned long flags
	311	0x137	sys_process_vm_writev	pid_t pid	const struct iovec *lvec	unsigned long liovent	const struct iovec *rvec	unsigned long riovent	unsigned long flags
	312	0x138	sys_kcmp	pid_t pid1	pid_t pid2	int type	unsigned long idx1	unsigned long idx2	
	313	0x139	sys_finit_module	int fd	const char __user *uargs	int flags			
	314	0x13a	sys_sched_setattr	pid_t pid	struct sched_attr __user *attr	unsigned int flags			Critical: 
	315	0x13b	sys_sched_getattr	pid_t pid	struct sched_attr __user *attr	unsigned int size	unsigned int flags		Needs privilege: 
	316	0x13c	sys_renameat2	int olddfd	const char __user *oldname	int newdfd	const char __user *newname	unsigned int flags	To chain: 
	317	0x13d	sys_seccomp	unsigned int op	unsigned int flags	const char __user *uargs			Safe: 
	318	0x13e	sys_getrandom	char __user *buf	size_t count	unsigned int flags			No state change: 
	319	0x13f	sys_memfd_create	const char __user *uname_ptr	unsigned int flags				Other: 
	320	0x140	sys_kexec_file_load	int kernel_fd	int initrd_fd	unsigned long cmdline_len	const char __user *cmdline_ptr	unsigned long flags	No wrapper: 
	321	0x141	sys_bpf	int cmd	union bpf_attr *attr	unsigned int size			
	322	0x142	sys_execveat	int dfd	const char __user *filename	const char __user *const __user *argv	const char __user *const __user *envp	int flags	
	323	0x143	sys_userfaultfd	int flags					
	324	0x144	sys_membarrier	int cmd	int flags				
	325	0x145	sys_mlock2	unsigned long start	size_t len	int flags			
	326	0x146	sys_copy_file_range	int fd_in	loff_t __user *off_in	int fd_out	loff_t __user * off_out	size_t len	unsigned int flags
	327	0x147	sys_preadv2	unsigned long fd	const struct iovec __user *vec	unsigned long vlen	unsigned long pos_l	unsigned long pos_h	int flags

cc	%rax	%rax	System call	%rdi	%rsi	%rdx	%r10	%r8	%r9
<div><div></div></div>	328	0x148	sys_pwritev2	unsigned long fd	const struct iovec __user *vec	unsigned long vlen	unsigned long pos_l	unsigned long pos_h	int flags
<div><div></div></div>	329	0x149	sys_pkey_mprotect	unsigned long start	size_t len	unsigned long prot	int pkey		
<div><div></div></div>	330	0x14a	sys_pkey_alloc	unsigned long flags	unsigned long init_access_right				
<div><div></div></div>	331	0x41b	sys_pkey_free	int pkey					
<div><div></div></div>	332	0x41a	sys_statx	int dfd	const char *filename	unsigned flags	unsigned int mask	struct statx *buffer	
<div><div></div><div></div></div>	333	0x41b	sys_io_pgetevents	aio_context_t ctx_id	long min_nr	long nr	struct *events	struct *timeout	struct *sig
<div><div></div></div>	334	0x41c	sys_rseq	struct rseq __user *rseq	uint32_t rseq_len	int flags	uint32_t sig		
	...	...							
	...	...							
<div><div></div></div>	424	0x1a8	sys_pidfd_send_signal	int pidfd	int sig	siginfo_t __user *info	unsigned int flags		
<div><div></div></div>	425	0x1a9	sys_io_uring_setup	u32 entries	struct io_uring_params __user *p				
<div><div></div></div>	426	0x1aa	sys_io_uring_enter	unsigned int fd	u32 to_submit	u32 min_complete	u32 flags	const sigset_t __user *sig	size_t sigsz
<div><div></div></div>	427	0x1ab	sys_io_uring_register	unsigned int fd	unsigned int op	void __user *arg	unsigned int nr_args		
<div><div></div><div></div></div>	428	0x1ac	sys_open_tree	int dfd	const char __user *path	unsigned flags			
<div><div></div><div></div></div>	429	0x1ad	sys_move_mount	int from_dfd	const char __user *from_path	int to_dfd	const char __user *to_path	unsigned int ms_flags	
<div><div></div><div></div></div>	430	0x1ae	sys_fsopen	const char __user *fs_name	unsigned int flags				
<div><div></div><div></div></div>	431	0x1af	sys_fsconfig	int fs_fd	unsigned int cmd	const char __user *key	const void __user *value	int aux	
<div><div></div><div></div></div>	432	0x1b0	sys_fsmount	int fs_fd	unsigned int flags	unsigned int ms_flags			
<div><div></div><div></div></div>	433	0x1b1	sys_fspick	int dfd	const char __user *path	unsigned int flags			
<div><div></div></div>	434	0x1b2	sys_pidfd_open	pid_t pid	unsigned int flags				
<div><div></div></div>	435	0x1b3	sys_clone3	struct clone_args __user *uargs	size_t size				
	...	...							
	...	...							
<div><div></div></div>	512	0x200	sys_rt_sigaction	32-bit: see 64-bit version					
<div><div></div></div>	513	0x201	sys_rt_sigreturn	32-bit: see 64-bit version					
<div><div></div></div>	514	0x202	sys_ioctl	32-bit: see 64-bit version					
<div><div></div></div>	515	0x203	sys_readv	32-bit: see 64-bit version					
<div><div></div></div>	516	0x204	sys_writev	32-bit: see 64-bit version					
<div><div></div></div>	517	0x205	sys_recvfrom	32-bit: see 64-bit version					
<div><div></div></div>	518	0x206	sys_sendmsg	32-bit: see 64-bit version					
<div><div></div></div>	519	0x207	sys_recvmsg	32-bit: see 64-bit version					
<div><div></div></div>	520	0x208	sys_execve	32-bit: see 64-bit version					
<div><div></div><div></div></div>	521	0x209	sys_ptrace	32-bit: see 64-bit version					
<div><div></div></div>	522	0x20a	sys_rt_sigpending	32-bit: see 64-bit version					
<div><div></div></div>	523	0x20b	sys_rt_sigtimedwait	32-bit: see 64-bit version					
<div><div></div><div></div></div>	524	0x20c	sys_rt_sigqueueinfo	32-bit: see 64-bit version					
<div><div></div></div>	525	0x20d	sys_sigaltstack	32-bit: see 64-bit version					
<div><div></div></div>	526	0x20e	sys_timer_create	32-bit: see 64-bit version					
<div><div></div></div>	527	0x20f	sys_mq_notify	32-bit: see 64-bit version					
<div><div></div><div></div></div>	528	0x210	sys_kexec_load	32-bit: see 64-bit version					
<div><div></div></div>	529	0x211	sys_waitid	32-bit: see 64-bit version					
<div><div></div><div></div></div>	530	0x212	sys_set_robust_list	32-bit: see 64-bit version					
<div><div></div><div></div></div>	531	0x213	sys_get_robust_list	32-bit: see 64-bit version					
<div><div></div></div>	532	0x214	sys_vmsplice	32-bit: see 64-bit version					
<div><div></div></div>	533	0x215	sys_move_pages	32-bit: see 64-bit version					
<div><div></div></div>	534	0x216	sys_preadv	32-bit: see 64-bit version					
<div><div></div></div>	535	0x217	sys_pwritev	32-bit: see 64-bit version					
<div><div></div><div></div></div>	536	0x218	sys_rt_tgsigqueueinfo	32-bit: see 64-bit version					
<div><div></div></div>	537	0x219	sys_recvmmsg	32-bit: see 64-bit version					
<div><div></div></div>	538	0x21a	sys_sendmmsg	32-bit: see 64-bit version					
<div><div></div></div>	539	0x21b	sys_process_vm_readv	32-bit: see 64-bit version					
<div><div></div></div>	540	0x21c	sys_process_vm_writev	32-bit: see 64-bit version					
<div><div></div></div>	541	0x21d	sys_setsockopt	32-bit: see 64-bit version					
<div><div></div></div>	542	0x21e	sys_getsockopt	32-bit: see 64-bit version					
<div><div></div><div></div><div></div></div>	543	0x21f	sys_io_setup	32-bit: see 64-bit version					
<div><div></div></div>	544	0x220	sys_io_submit	32-bit: see 64-bit version					
<div><div></div></div>	545	0x221	sys_execveat	32-bit: see 64-bit version					
<div><div></div></div>	546	0x222	sys_preadv2	32-bit: see 64-bit version					
<div><div></div></div>	547	0x223	sys_pwritev2	32-bit: see 64-bit version					

Critical:

Needs privilege:

To chain:

Safe:

No state change:

Other:

No wrapper: