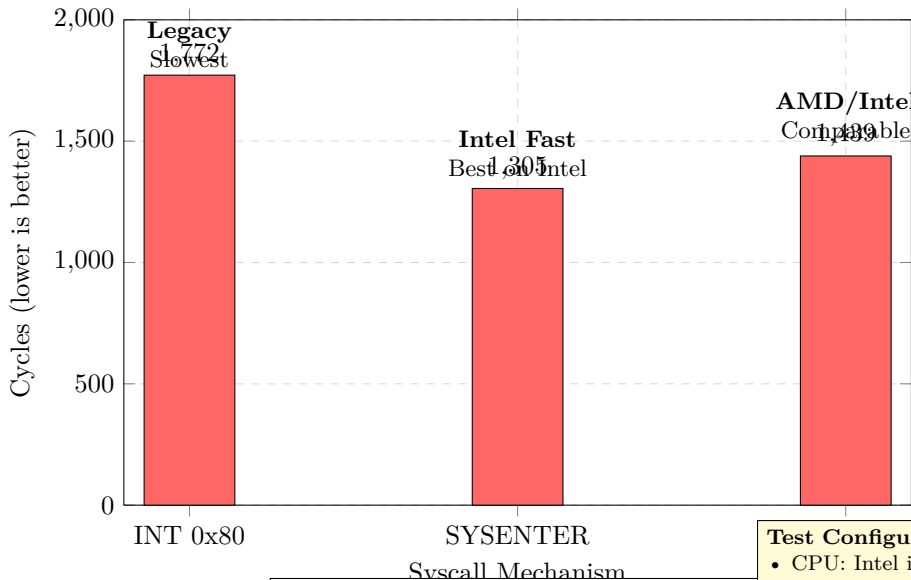


System Call Performance Comparison



■ Roundtrip cycle

Speedup:
SYSENTER vs INT:
26% faster
SYSCALL vs INT:
19% faster

Test Configuration:

- CPU: Intel i7-6700k Skylake
- OS: Linux 6.5
- Syscall: EAX=-1 (ENOSYS)
- Measured: Full roundtrip

Historical Context:

- Without mitigations: ~70 cycles
- Spectre/Meltdown added 10x overhead
- Modern: ~1300-1800 cycles