

# SYSENTER Syscall Path (Intel Fast)

**No automatic  
stack save!**  
User manages  
ESP/EIP save

**Kernel:**  
Minimal state  
management  
via MSRs

**SYSEXIT:**  
Fast return  
via EDX/ECX

**Cost: ~1305 cycles**  
(Skylake, Linux)  
Faster than INT

