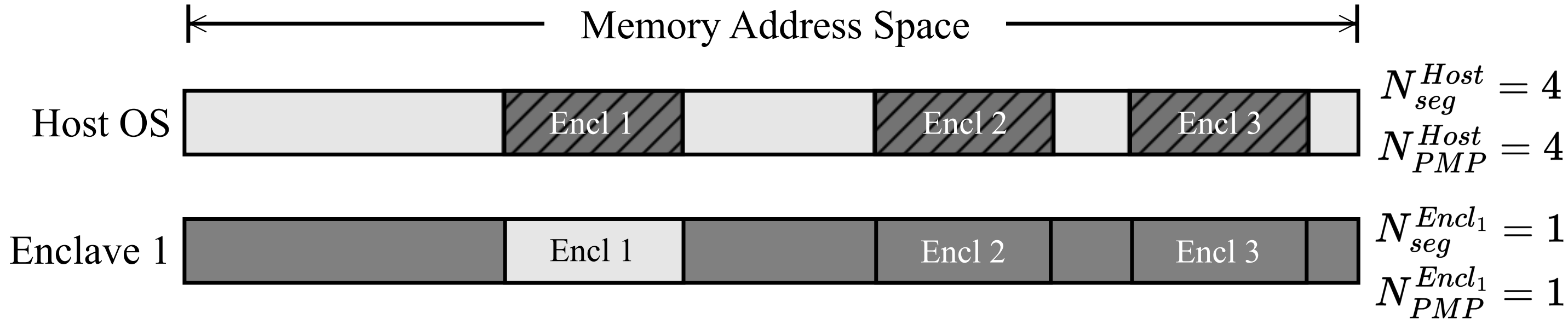Legend: PMP Permit — PMP Forbid — Forbid by default

Keystone: Asymmetric Design $N_{Encl} = 3 < N_{PMP}^{max} = 4$

Memory Address Space

Host OS — Encl 1, Encl 2, Encl 3 — $N_{seg}^{Host} = 4$, $N_{PMP}^{Host} = 4$

Enclave 1 — Encl 1, Encl 2, Encl 3 — $N_{seg}^{Encl_1} = 1$, $N_{PMP}^{Encl_1} = 1$

COFFER: Symmetric Design $N_{Encl} = 5 > N_{PMP}^{max} = 4$

Memory Address Space

Reserved Memory Pool

Host OS — Encl 1, Encl 2, Encl 3, Encl 4, Encl 5 — $N_{seg}^{Host} = 1$, $N_{PMP}^{Host} = 1$

Enclave 1 — Encl 1, Encl 2, Encl 3, Encl 4, Encl 5 — $N_{seg}^{Encl_1} = 1$, $N_{PMP}^{Encl_1} = 1$

Flexible Pool Boundary