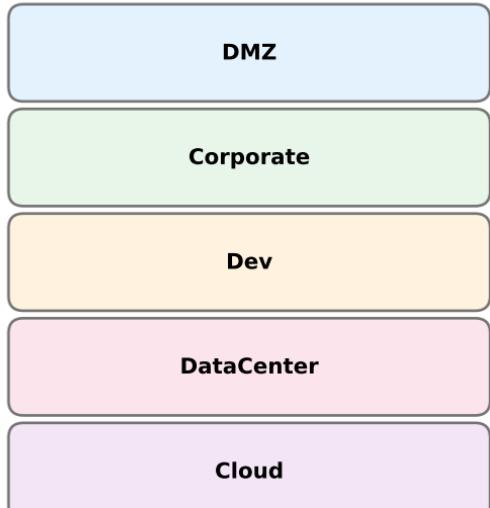


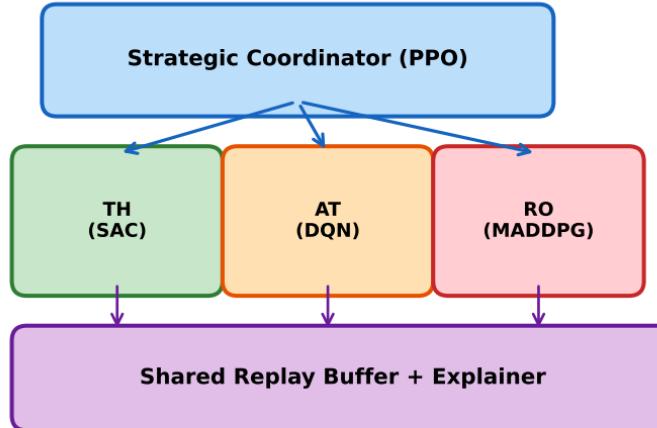
HMARL-SOC

Hierarchical Multi-Agent Reinforcement Learning for SOC Coordination

Enterprise Network



Three-Tier Architecture

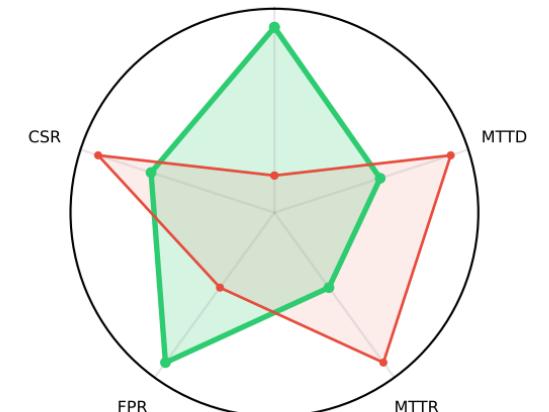


Key Results

FPR: **0.17%** (Best)

Reward: **+6.9** (Best)

CSR: **71.0%_{Rew}** (2nd)



HMARL-SOC
QMIX