

KPP ID	Description of Scope	Threshold KPP	Objective KPP	Verification Action/Evidence
KPP-1	Performance improvement for mission-critical problems	50% of selected applications achieve Figure of Merit improvement ≥ 50	100% of selected applications achieve their KPP-1 stretch goal	Independent assessment of measured results and report that threshold goal is met
KPP-2	Broaden the reach of exascale science and mission capability	50% of selected applications can execute their challenge problem	100% of selected applications can execute their challenge problem stretch goal	Independent assessment of mission application readiness
KPP-3	Productive and sustainable software ecosystem	50% of the weighted impact goals are met	100% of the weighted impact stretch goals are met	Independent assessment verifying threshold goal is met
KPP-4	Enrich the HPC hardware ecosystem	Vendors meet 80% of all the PathForward milestones	Vendors meet 100% of all the PathForward milestones	Independent review of the PathForward milestones to assure they meet the contract requirements; evidence is the final milestone deliverable