Cybersecurity Controls Effectiveness Test Types

	Test of Desgin	Test of Operation	Test of Maturity	Test of Efficiency
Focus	Verify the existance and proper control development and setup	Assess control operational effectiveness	Evaluate controls level of development and sophistication	Optimize controls performance without sacrificing security
Methodology	Checking control planning and setup	Sampling cases over a period of time	Apply a maturity model to evaute capabilities	Analyze conrol performance using metrics
Primary Concern	Is the control created correctly	Does the control work consistently and reliably	Do controls progress toward high maturity	Are controls optimized and avoid waste and complexity
Outcome	Confirm control design and implementation	Provide insights into operational integrity	Current maturity, gaps and areas of improvement	Identify opportunities to streamline security
Importance	Ensure control fit for purpose	Ensure control fit for use	Provide confidence on continuous improvement	Ensure controls are cost-effective and resource-efficient
Risk Mitigation	Identify potential design flaws at early stage	Reveal operational weaknesses or inconsistencies	Identify ways to optimize and improve controls effectiveness	Opperational inefficiencies and resource wastage