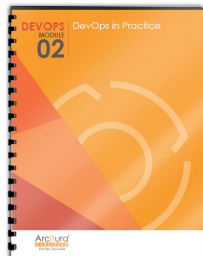


# DevOps Continuous Monitoring Metrics and Monitors Mapping Reference Matrix

	Performance Monitor	Compliance Monitor	Functional/Operational Monitor	SLA Monitor	Audit Monitor	Code Quality Monitor	Availability Monitor	Continuous Testing Monitor
Cycle Time					X			X
Lead Time								X
Deployment Frequency								X
Deployment Time	X							
Customer Support Tickets						X		
Availability							X	
Error Rates						X		
Automated Test Pass Percentage						X		
Defect Escape Rate		X						
Service-Level Agreements (SLAs)		X		X				
Failed Deployments								X
Application Usage								X
Application Performance	X							
Mean Time to Detection (MTTD)			X				X	
Mean Time to Recover (MTTR)			X				X	
Mean Time to Failure (MTTF)			X				X	
Mean Time Between Failures (MTBF)			X				X	

Note that this matrix only highlights the most common and primary relationships between DevOps metrics and monitors. To support a given metric, a monitor may access or involve other monitors behind the scenes. Furthermore, these associations are not always aligned with how metrics and monitors are mapped to the CI/CD delivery pipeline stages. For example, a monitor may be employed at some stages to collect data, whereas an associated metric may use that monitor's logged data together with other data to measure different stages.



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