

Table. Questions associated with the practices of the DevOps Model.

Id	Practice	Id	Questions
1	Continuous Integration (CI)	1	Do you have a version control system?
		2	Does the team have a defined repository for code integration?
		3	Do development, operations and quality teams have access to the version control system?
		4	Are unit tests run before integration?
		5	Is code compilation automated?
		6	Is there a service that creates and runs automatic unit tests on code changes?
		7	Is it possible to view failures during the integration process?
2	Continuous Delivery (CD)	8	Are code changes pushed to a pre-production environment?
3	Continuous Testing (CT)	9	Is there a test environment?
		10	Are tests performed in the integration process?
		11	Are unit tests performed?
		12	Are functional tests generated from user stories or requirements?
		13	Are there tests on the APIs?
		14	Is a test plan carried out according to the sprint or iteration?
		15	Are there performance tests?
4	Requirements Management (RM)	16	Is there documentation or records of test execution incidents?
		17	Is there a repository where the requirements are displayed?
		18	Is the information of the requirements always accessible to interested persons?
		19	Is there a requirements prioritization process?
5	Data Management (DM)	20	Is it possible to track each requirement?
		21	Is there clarity about who uses the data and from where?
		22	Is there a protocol, procedure, process or the like for data access?
		23	Is there a clear legacy data management process?
		24	Is there a data model and data dictionary?
		25	Have mechanisms been established to perform backups?
		26	Are measures taken on the use of data?
6	Security Monitoring (SM)	27	Are there security systems that protect the data?
		28	Is there a data recovery system?
		29	Are security practices aligned with the team's workflow?
		30	Are vulnerabilities identified?
		31	Are there clear policies on the use of third-party tools or software?
		32	Are there clear policies on the creation and assignment of privileges in software and hardware systems?
		33	Is there a security policy?
7	Strategic Direction (SD)	34	Are there access control policies?
		35	Is there a strategic plan?
		36	Are the results obtained managed and evaluated?
		37	Are technological surveillance processes carried out?
8	Configuration Management (CM)	38	Is the market, the current position of the company in the market and the existing competition clear?
		39	Is there a database where all IT assets are identified?
		40	Is the information corresponding to the configurations managed?
		41	Is incident, problem and change management performed?
9	Continuous Monitoring and Observability (CMO)	42	Is software version control and management performed?
		43	Is the status and health of the servers used verified?
		44	Is there a defined process for tracking application logs?
		45	Are infrastructure monitoring tools used?
		46	Are network monitoring tools used?
		47	Are there mechanisms to alert or provide feedback to the team about problems in the application in productive environments?
		48	Are there mechanisms to obtain information about the user experience of the application in production environments?
10	Education around DevOps (EaD)	49	Is there a training plan related to DevOps topics?
		50	Does the work team have the necessary resources to start the training process on DevOps issues?
11	Continuous feedback and innovation (CFI)	51	Are there mechanisms to support and share knowledge among the members of the work team?
		52	Is the team allowed to implement new ways of working?
12		53	Are there processes to measure organizational culture?

	Measurement of Culture (MC)	54	Are opportunities for improvement identified and implemented for all staff?
		55	Are there forms of recognition and/or personal encouragement?