

Continuous Monitoring (CM) Questionnaire

Below are the details that we need to understand about application to implement monitoring

Application :-

Question		Application Details(URL, Port etc.)
What type of application do you run?		
What programming languages and frameworks are used in your application?		
Which application components do you need to monitor (e.g., front-end, back-end, APIs, microservices)?		
How critical is real-time monitoring for your application?		
What are your key User functionalities that needed monitoring		

Infrastructure :-

Question		Server Details(IP addresses, hostnames)
What infrastructure components support your application (e.g., servers, virtual machines, containers, databases)?		
Which cloud platforms or on-premises environments are you using?		
What infrastructure metrics are important to monitor (e.g., CPU usage, memory usage, disk I/O, network latency)?		
Do you need to monitor container orchestration platforms (e.g., Kubernetes, Docker Swarm)?		

Database:-

Question		Database details(Server Name, DB name etc.)
What databases are used by your application (e.g., MySQL, PostgreSQL, MongoDB)?		
What database-specific metrics are crucial (e.g., query performance, connection counts, replication status)?		
Do you need to monitor database transactions and their performance?		

Network:-

Question		Network Details
What network components are part of your application infrastructure (e.g., routers, switches, load balancers)?		
What network performance metrics are important (e.g., bandwidth usage, packet loss, latency)?		
Do you need to monitor specific network paths or endpoints?		

Logs:-

Question		Log information(Path, log name, log rotation etc.)
What types of logs are generated by your application (e.g., access logs, error logs, transaction logs)?		
How often are logs collected and analyzed?		
Do you need centralized log management and analysis?		
What events or logs would trigger alerts for your team?		

Security:-

Question		
What security aspects need monitoring (e.g., intrusion detection, vulnerability scans, firewall logs)?		
Are there compliance requirements impacting security monitoring		
Do you need real-time alerts for security incidents?		

Integration:-

Question		
What other tools or systems do you need to integrate with your monitoring solution (e.g., CI/CD pipelines, ticketing systems)?		
Do you need APIs for accessing monitoring data or triggering automated responses?		
What automation capabilities are important to you (e.g., automated scaling, self-healing mechanisms)?		
Dependency mapping		