**🔹 Software Testing Related Tools**

* **Test Management Tools:** Jira, TestRail, Zephyr, Xray, PractiTest
* **Test Automation Tools:** Selenium, Cypress, Playwright, Appium, TestComplete
* **API Testing Tools:** Postman, SoapUI, REST Assured, Katalon Studio
* **Continuous Integration/Continuous Deployment (CI/CD) Tools:** Jenkins, GitLab CI/CD, GitHub Actions, Azure DevOps, CircleCI
* **Performance Testing Tools:** JMeter, LoadRunner, Gatling, k6
* **Security Testing Tools:** OWASP ZAP, Burp Suite, Nessus, Acunetix
* **Test Reporting Tools:** Allure Report, Extent Reports, ReportPortal, TestNG Reports

**Documentation in Testing**  
Keeping a detailed record of test cases, test results, bugs, and findings helps with transparency, progress tracking, and future reference.

**Markdown Editors**

For writing documentation in **Markdown** format (lightweight text formatting):

* **Typora**
* **Obsidian**
* **Mark Text**
* **Visual Studio Code** (with Markdown extensions)
* **StackEdit**

**Documentation Platforms**

For hosting and organizing documentation:

* **Confluence**
* **Notion**
* **Google Docs**
* **SharePoint**
* **Slab**

**Static Site Generators**

For converting documentation into static websites:

* **MkDocs**
* **Docusaurus**
* **Jekyll**
* **Hugo**
* **Gatsby**

**Visual Documentation Tools**

For diagrams, workflows, and visual explanations:

* **Lucidchart**
* **Draw.io (diagrams.net)**
* **Miro**
* **Canva**
* **Whimsical**

**Performance Monitoring**

Performance monitoring tools assess and maintain the **health of applications, servers, and networks**. They help detect performance issues, track resource usage, and optimize system performance.

**Application Performance Monitoring (APM) Tools**

For tracking app performance, response time, and transaction traces:

* **New Relic**
* **Dynatrace**
* **AppDynamics**
* **Datadog APM**
* **Elastic APM**

**Network Performance Monitoring Tools**

For monitoring latency, packet loss, and network throughput:

* **SolarWinds Network Performance Monitor**
* **PRTG Network Monitor**
* **Nagios**
* **Zabbix**
* **ManageEngine OpManager**

**Infrastructure Monitoring Tools**

For monitoring servers, containers, and cloud infrastructure:

* **Prometheus + Grafana**
* **Datadog Infrastructure Monitoring**
* **Nagios XI**
* **Zabbix**
* **Icinga**

**End-User Monitoring (EUM) Tools**

For measuring the real user experience and synthetic transactions:

* **Google Lighthouse** (web performance audits)
* **Dynatrace Real User Monitoring (RUM)**
* **Catchpoint**
* **Pingdom**
* **Uptrends**

**⚠ Risk Assessment**

Risk assessment in testing helps identify and mitigate potential risks before they impact project delivery.

**IT and Cybersecurity Risk Assessment Tools**

For identifying and mitigating security vulnerabilities:

* **Qualys**
* **Nessus**
* **Rapid7 InsightVM**
* **OpenVAS**
* **OWASP ZAP**

**Management and Assessment Tools**

For organizing and tracking risk evaluation:

* **RiskWatch**
* **Resolver**
* **A1 Tracker**
* **SpiraPlan**
* **Risk Register (Excel-based templates)**

**Project and Operational Risk Assessment Tools**

For managing risks in project delivery and operations:

* **Wrike** (Risk management boards)
* **Jira with Risk Management plugins**
* **RiskyProject**
* **Active Risk Manager (ARM)**
* **Microsoft Project (with risk logs)**

**Compliance and Regulatory Risk Assessment Tools**

For ensuring compliance with industry standards and regulations:

* **LogicGate Risk Cloud**
* **RSA Archer**
* **MetricStream**
* **ComplySci**
* **NAVEX Global**