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| **Name** | **URL** | **Licence** | **Use Case** | **Support**  **CI/CD** | **CLI/GUI/**  **Dashboard** | **Report format** | **API**  **Support** | **Pre-**  **Production/**  **Runtime** | **Signature Based/ Anomaly Based/ Machine Learning** | **Inter-pod net Communication Observation** | **Shortcomings** | **Install**  **Guide** |
| Anchore Engine | <https://anchore.com/opensource> | Opensource &  Commercial | 1. Pre-production  vulnerability analysis  2. policy based  3. security  compliance checks | YES | GUI | JSON/  HTML | YES for Enterprise version | Preproduction | Signature Based | No | requires to pull images to local database first  CLI based opensource | https://docs.anchore.com/current/docs/engine/engine\_installation/docker\_compose/ |
| AquaSec | https://www.aquasec.com/ | Commercial | Pre-production analysis, runtime protection, compliance & audit  intrusion prevention | YES | GUI | JSON/  HTML | YES | Both | Signature Based/  Anomaly Based | no |  |  |
| Black Duck OpsSight 2.2 | https://www.blackducksoftware.com | Commercial | Pre-production analysis, vulnerability newsfeed, license/legal assessment analyzes the “License Risk” | No | GUI/  Dashboard |  | No | Preproduction | Static Analysis | no |  | Credential specific guidelines |
| NeuVector | <http://neuvector.com/> | Commercial | real-time security protection, compliance & audit | YES | GUI/  Dashboard | HTM/  JSON/  CSV/  PCAP/  XML/  CVE | NO | Runtime | Anomaly and Signature Baed/ CIS Benchmarking | Yes  Works with Istio | Lack of publicly accessible documentation | Credential  specific guide |
| Twistlock | https://www.twistlock.com/ | Commercial | integrations with cloud providers (AWS, Azure, GCP), container orchestrators (Kubernetes, Mesospehere, Openshift, Docker), serverless runtimes, mesh frameworks (like Istio) and CI/CD tools. Machine Learning Support | YES | GUI/  Dashboard | CSV/  HTML | YES | Runtime | Machine Learning/  Anomaly based | yes |  |  |
| Clair | <https://coreos.com/clair/docs/latest/> | Opensource | CVE  database,  Used my many commercial vendors  Like:Quay.io, Harbor etc | Yes | CLI | HTML Reports | 3rd  Party Integration  (KLAR, CLAIRCTL, Clair-local-scan etc) | Both | Signature Database (PostgreS) | no | requires to pull images to local database first  no dashboard |  |
| openSCAP | https://www.open-scap.org/ | Opensource  (for Red Hat Registry) | Compliance & audit, certification  Docker-specific tool [oscap-docker](https://www.open-scap.org/resources/documentation/security-compliance-of-rhel7-docker-containers/) | Yes | GUI Reports | HTML | No | Preproduction | Signature Based | no | No dashboard | https://www.open-scap.org/resources/documentation/security-compliance-of-rhel7-docker-containers/ |
| Sysdig | <https://sysdig.com/>  (Sysdig Felco – opensource  Sysdig Secure – commercial  Sysdig Monitor- commercial) | (Both) Opensource &Commercial | vulnerability newsfeed, runtime security, container and Kubernetes compliance & audit and forensics, hybrid environments (containers and traditional deployment), performance monitoring & troubleshooting, available both as SaaS and on-prem. | Yes | Dashboard for commercial | HTML/  JSON/  PCAP/  XML | yes | Runtime  Security of containers | Anomaly based and Machine learning based  Signature Based for Felco | Yes for commercial | Command line |  |
| Quay.io | https://quay.io | (Both) Opensource &Commercial |  | No | Dashboard for commercial | Basic HTML |  |  |  | Yes for commercial | Command line |  |