

# CONTINUOUS VULNERABILITY SCANNING & APPLICATION TESTING



*Secura delivers world-class security testing services. One of our most valued services is Vulnerability Assessment and Penetration testing. Secura started testing for customers in the year 2000 and has been a renowned party in security assessments ever since. We have expanded our service offering to include automated, continuous scanning and testing.*

## IN CONTROL WITH SECURA

Secura has worked in information security and privacy for nearly two decades. This is why we uniquely understand the challenges that you face like no one else and would be delighted to help you address your information security matters efficiently and thoroughly. We work in the areas of people, processes and technology. For our customers we offer a range of security testing services varying in depth and scope. Our continuous scanning and testing service is an important part in the process of becoming in control of your digital security.

### CONTINUOUS VULNERABILITY SCANNING AND APPLICATION TESTING

Secura has a long history of executing high-quality manual penetration tests on infrastructures and web applications. Our Continuous Scanning Service combines our knowledge and expertise with frequent, automated vulnerability scans, both on applications and infrastructures. The best of both worlds: the expertise of our consultants and the price and speed of automated scans.

Current development methodologies such as Agile and Dev(Sec)Ops, often result in very short release cycles and iterative updates (often a cycle of two weeks). Organisations perform manual security tests much less frequently due to costs and timeframe of such manual tests. This introduces the risk that new features are introduced every few weeks without being tested for security issues, or that changes in the infrastructure are made that introduce exploitable vulnerabilities. Additionally, the speed of discovery of new vulnerabilities is increasing every year, necessitating more frequent security tests.

Therefore- in addition to periodical manual tests- Secura now offers the possibility to test infrastructures and web applications (very) frequently using automated tools, combined with the expertise of our consultants. We combine these two, because in our opinion, simply using an (application) vulnerability scanner without any human intelligence is of very limited use. After all, the context of a finding determines the risk to a large extent and a tool can never be aware of that context. Many online scan services offer a 'basic' service, only providing the reports that the automated scanner generates. These services always contain a lot of false positives. However, at Secura, you can expect the quality that you have come to know us for. This means that we validate all findings from the tools manually, verify the context and remove false positives.

At the first step we do an extensive intake, discussing; the release cycle process of your organization, the application in debt, setting up accounts for grey box testing, aligning upon the collaboration model and making sure the pace of the tooling matches the infrastructure. This ensures maximum result for your team. At Secura, we only use the application vulnerability scanners that have been tested as best of class such as Nessus, IBM AppScan or Acunetix.

During the first run we scan the entire application and verify all identify results (removing false positive) and we do some smaller manual tests to ensure the tooling is set with the correct parameters. At the first cycle you get a complete report on all findings, which you are then able to put in your backlog and you can easily identify where to put your focus. The next round follows the same process, automatic scanning with vulnerability scanners, followed by a manual check of the results to remove false positives and ensure the tooling is set correctly.

Finally we execute a manual penetration test on your application or infrastructure at a regular interval, for examples 2 or 3 times a year. Scanning finds vulnerabilities, which would be hard to find manually, and manual testing often finds things only scanning would never find. By combining the efficiency of scanning with an expert view and periodic manual testing your external facing applications and infrastructure are well-tested and you DevOps team can continue in their high pace.

Besides 'standard' web applications and environments, Secura can also test sites with credentials (with a login page). If we are provided with test-credentials, we can test 'behind' the login screen. In order to do this, our consultants build a custom scan-profile, because functions for which credentials are required often have an impact on the application performance when tested through tooling. Using a custom scan profile we reduce the risk to your application. We recommend scanning applications with credentials because in our experience the biggest security risks can be found there.

The scans are executed from a virtual environment, secured and maintained by Secura. The reports will be made available through our portal for secure file exchange.

The advantages of our Continuous Scanning Service are:

- more frequent scans at lower cost;
- the expertise of our consultants;
- manual verification of findings, meaning no false positives;
- context-aware risk ratings;
- phone support service for additional advice;
- the very best quality scan-tools;
- testing of authenticated functions using credentials;
- comparison (delta) of scan results.



### INTERESTED?

Would you like to learn more about our services?  
Please do not hesitate to contact us.

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