



“Architecture starts when you carefully put two bricks together. There it begins.”

-- Ludwig Mies van der Rohe

Architecture Review

A network can have all the latest security technology installed, but nevertheless if the architecture is flawed then its security will be flawed.

While security is presently an important factor in network design, this is often not the case with older networks or constantly growing networks, in which the addition of components may introduce significant weaknesses in the security of a network.

Product migrations and implementations, business mergers, additional sites, home working solutions are just few of the factors that will negatively impact security if the architecture is not kept under close control.

Risk Management Framework



Risk management is the ongoing process of identifying risks and implementing plans to address them. Risk is determined by considering the likelihood that known threats will exploit valuable assets and the impact if an exploit is successful. It is very important to know where to apply available resources to mitigate risk in an efficient and cost-effective manner. That's where risk assessments come in the picture. Risk assessment is the part of the ongoing risk management process that assigns relative priorities for mitigation plans and implementation.

Ascure Assessment Program

Ascure's Assessment Program situated in Step 4. Assess Controls. Ascure performs activities in all 6 steps of the risk management framework and can help in implementing such a framework within your company.

This program has 4 pillars:

- Logical tests
- Physical tests
- Social tests
- Strategic tests

Logical testing concerns everything on the network, system and application layer. This includes intrusion testing (external, internal, web applications, database systems...), system auditing (servers, workstations, network components...), code reviews, architecture reviews.

About Ascure

Ascure is specialized in operational risk management consultancy and staffing. Operational risk management, information security, business continuity and compliance to laws and regulations are major cornerstones of our services.

Ascure assists its customers with the incorporation of operational risk management at all levels and in all areas of their organization, including day-to-day operational decisions. No decision should be taken in any organization without applying proper operational risk management. It can be applied throughout the entire life cycle of any activity or project. In order to minimize risk, it is however preferable to apply operational risk management at the beginning phase of a project or operational activity.

About Ascure Academy

Ascure offers an extensive education and awareness program through the Ascure Academy which covers several open classes, events and customized education experiences.

Contact

For further and additional information, please contact us on Tel. +32 (0)9 243 10 20 or info@ascure.com

Ascure's general terms of delivery are applicable to all our services.

In physical and social tests we try to exploit the human factor to gain access to your information and/or your network.

Strategic tests are higher level tests and can be risk analysis, Business Impact Analyses, High Level Risk Management Audits, Gap analysis between your situation and regulations/standards (ISO27002, CBFA guidelines, PCI...)

We can assist in setting up such an assessment & intrusion program and assisting your Audit department in tackling these different pillars.

Architecture Review

In an architecture review, the Ascore Assessment team will look very closely to the deployed network architecture. We will investigate how the various network components are working together and if these are deployed in a secure way without posing unneeded risks to your information and assets.

Approach

Ascore will assess the following points:

- Primary Design Assumptions
- Technology Used
- Security Administration Methodology
- System Maintenance Methodology
- Network Topology
- Network Access Controls
- Server/Device Access Controls
- Authentication/Access Requirements
- Security Monitoring
- Functional Data Flows



Deliverables

You will be provided with a comprehensive multi-level reporting ranging from management level to detailed technical level. All discovered issues and weaknesses will be described and discussed in these reports, as well as the possible methods of remediation to mitigate the risk factors. A list of improvement actions which will increase the overall network security level will be included as well. You will also receive a list of tests that have been performed together with their outcome.

Added Values

Our trained and certified security consultants are specialized in ethical hacking techniques, among which detecting, attacking and exploiting vulnerabilities. We have members in various local security chapters, like OWASP and ISSA.

We strive to deliver complete and accurate, yet understandable reports of the conducted tests. We strongly believe that adopting your business jargon is the best way to assure an unambiguous description of our assessment.

When a social intrusion test is combined with a business impact analysis, we map the detected issues on an estimation of their effect and remediation costs. We can thereby coach you in the selection of the best fitting remediation for the discovered issues.

Ascore's procedures for assessments are based on strict guidelines and methodologies such as OSSTMM, OWASP, ISSAF and the NIST 800-53a and 800-115.

Interested in world-class education and training: visit the website of the Ascore Academy (www.ascureacademy.eu).

[For more information, please contact:](#)

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