

What is an Architecture Review?

An architecture review is an assessment of your organization's overall architecture to identify flaws and weaknesses that could potentially be leveraged by an attacker to their advantage. A mature network architecture consists of several key components, including appropriate placement of network security devices, monitoring, logging, and alerting procedures, and even segmentation. Combining these security technologies together helps reduce the chances of a successful attack from taking place within your environment.

Organizations can benefit from an architecture review in several ways. By analyzing the overall security posture of your organization's architecture, your organization can understand where potential weak areas are and how to improve them. Additionally, this assessment can help organizations plan for the future when it's time to implement new technology, new network subnets, end-user systems, etc. A mature network environment will reduce the overall attack surface, deterring and preventing malicious attacks.

An architecture review will help your organization gain an understanding of the following:

- The existence or non-existence of necessary security technology, such as network intrusion prevention systems
- The protection (or lack thereof) that critical servers and data have within the environment
- Potential areas of interest by attackers

Vonahi Security offers a few services to help improve your organization's network architecture. Through our services, your organization can be assured of ways to improve the overall environment, including the implementation and modification of policies, procedures, and controls.



STRATEGY & PLANNING

Our consultants will review your future plans for new implementations to provide recommendations about the best approach. We can ensure that your organization implements policies, procedures, and controls combining security best practices and professional experience.



CONFIGURATION REVIEWS

We can perform configuration reviews on your critical servers, workstations, and network devices within your environment. Through configuration reviews, we can ensure your systems are using configuration settings that adhere to industry best practices.



NETWORK DESIGN REVIEW

Through interviews with key personnel on your network staff, and reviews of network topology diagrams, we can review your network design to check for weak areas that may exist. These areas are those that would present an opportunity for a malicious attacker to gain access to unauthorized resources.



Our Architecture Review Activities

Based on our professional experience, research, and the activities performed by modern-day attackers, our consultants perform a variety of activities that combines both traditional and new methodologies to review your architecture for deficiencies and areas of improvement.



NETWORK DEVICE PLACEMENT REVIEW

Where network devices exist in your network is extremely critical as they serve the purpose of protecting your critical assets and data. During the architecture review, our consultants can help your network team understand if network devices are appropriately placed within your network environment, and provide recommendations.



SEGMENTATION & VALIDATION

We can review and validate the network segmentation implemented within your environment. Network segmentation helps ensure that, should an attacker or malware gain internal access into your environment, the compromise can be limited to only a specific group of systems, excluding critical systems.



BEST PRACTICE CONFIGURATION CHECKS

Our configuration checks include industry security best practices and other standards, such as Microsoft CIS, NIST, and DSA depending on the assessed environment.



ATTACK SCENARIO DISCUSSIONS

After reviewing your network diagram and topology, our consultants will discuss with you potential attack scenarios that could target your sensitive data. This discussion will help your organization plan and prepare for potential threats.



STRATEGY REVIEW

Your organization will continue to grow, and creating and maintaining a healthy plan for expanding your network architecture is critical for network security. We can review your strategy and provide professional recommendations on improvement methods.



TIMELY REPORTING

Documentation is collected along the entire process to ensure your organization is able to understand how, when, and why our attacks may be executable within your environment. We will also provide professional recommendations on ways to improve your architecture for a better security posture.

What You Get

At Vonahi Security, we understand the demands and expectations for quality information security services. As part of our architecture review service, your organization can expect the following:



Project Management & Planning



Daily Status / Progress Reports



Quality Deliverables & Presentations



Experienced & Certified Security Experts



ABOUT US

Vonahi Security is a cybersecurity consulting firm that offers comprehensive information security services. Our team is comprised of security experts experienced in offensive and defensive operations, allowing us to provide quality information security services. We ensure your organization is successful with achieving its security goals and remaining one step ahead of malicious adversaries.

HELLO WORLD. MEET MODERN SECURITY.

 www.vonahi.io

 info@vonahi.io

 **1.844.VONASEC (866-2732)**

   [@vonahisec](https://www.facebook.com/vonahisec)