

# VMware Environment Security Review

## What Is a VMware Environment Security Review?



For the past 15 years, virtualization has been one of the core services in most enterprise IT environments. The capability to restructure a single server into multiple small isolated virtual servers and provide redundancy in new ways took the IT world by storm. VMware has been the leader in this field, and today, it is hard to find an organization that doesn't use VMware for its servers.

The enormous growth has also made the installed environments larger and more complex, with more features and settings to configure, operate, and manage over time.

With the VMware Environment Security Review from Truesec, you'll get access to the leading experts in securing and managing a VMware environment. These experts address these complexities and educate both your management and your operations, and you'll gain insight into the current security and health status of your VMware installation. The service also provides you with the information you require to identify and prioritize the actions needed to elevate your cybersecurity resilience.

## What the VMware Environment Security Review Gives You

VMware Environment Security Review is a multi-layered security analysis of your VMware environment. We examine how it is configured and operated and will provide you with actionable information and recommendations on what should be corrected and why.

The report covers many areas focusing on security recommendations from VMware and information from various assignments conducted by Truesec. Our information is based on the firsthand knowledge that Truesec has accumulated regarding the cyber threats currently facing organizations. Many areas

**A VMware Environment Security Review can provide information about the for example the following:**

- Exposed administrative interfaces
- Lack of logging
- Insecure administrator credentials
- Missing security updates
- Outdated VMware Tools and virtual hardware
- Insecure virtual switch settings
- If ESXi can execute foreign code
- Incomplete vSphere component backups
- Backup not protected from tampering/deletion
- Insecure virtual machine security settings

Information is gathered either by a Truesec expert or together with staff from your team to facilitate mutual knowledge transfer.

are covered, all summarized in the Executive Summary. See examples of areas in the information box above.

The report is provided in both a written format and as a presentation where you and your team will have the opportunity to ask questions and obtain clarification from the experts at Truesec. This is an excellent way to increase knowledge, gain insight from our specialists directly to your team, and kickstart the next step to create a roadmap based on the findings.

## About Us

As a global cybersecurity company, we're proud to be at the forefront of protecting organizations and our society against cyber threats. Our purpose has been clear since day one: Creating safety and sustainability in a digital world by preventing cyber breach and minimizing impact. We never cease to challenge and reinvent ourselves to help defend your most valuable data assets every day.

## TRUESEC

A Safe Digital Future

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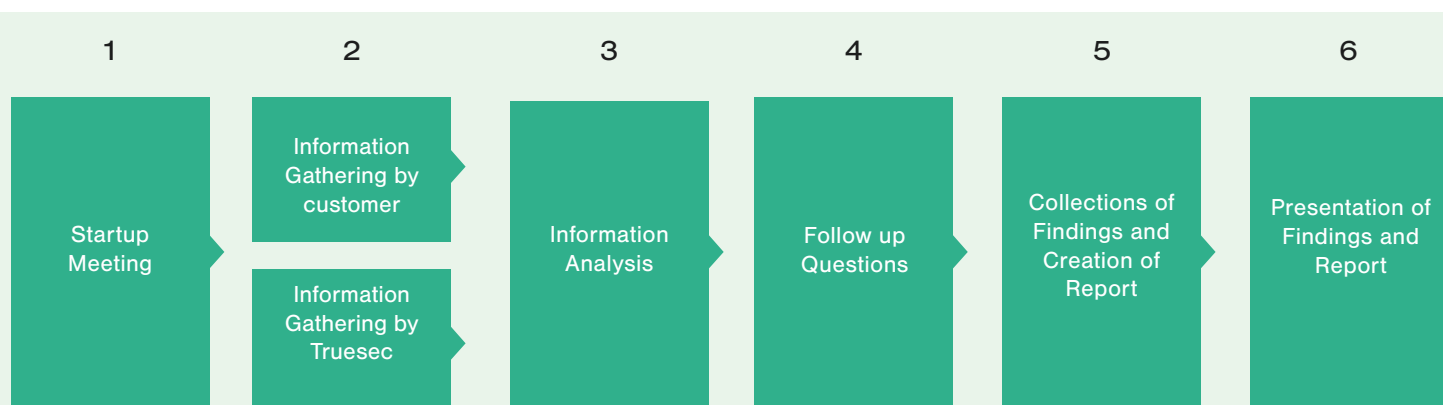
# We Are Here to Help

Creating safety and sustainability in a digital world by preventing cyberbreach and minimizing impact.



## How We Do It

Our methodology for conducting VMware Environment Security Reviews is based on our extensive experience performing these types of assignments. Our experts have deep expertise in architecting, setting up, configuring, securing, and managing VMware environments in different corporate environments.



### 1. Startup Meeting

We begin with an initial dialog in which we discuss your organization's situation and goals, potential threats, and prioritized risks. We also discuss the timetable, such as when the presentation should be provided, when the information should be gathered, how we obtain access, etc. We typically send an agenda with questions in advance so you can make sure that the correct people can attend. This meeting is beneficial for decision-makers in IT and the parts of the organization that deal with server hardware, backup, network, VMware admins, logging, security, and access.

### 2. Information Gathering

You either provide us with access to the environment to gather the information ourselves, or we collect the information along with a member of your IT team. Gathering the information with your IT team ensures both parties have the opportunity to ask questions and acquire more in-depth information about the VMware environment, its configuration, and its uses.

### 3. Information Analysis

Utilizing the gathered information, we then analyze it along with the latest information from our Threat Intelligence Unit and our Cybersecurity Incident Response Teams. Since we do so many incident response investigations, we have great insight into how attackers operate and the current cyber threat landscape.

# If You Are Under Attack, Call Truesec

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## 4. Follow-Up Questions

If there are any uncertainties revealed during the information analysis, then these typically are resolved via email or a short meeting.

## 5. Creation of Report

All of the information is collected in a report which includes an Executive Summary and the findings and recommendations in the different areas.

## 6. Presentation

A meeting will be held for a verbal presentation of the report. The meeting includes a discussion regarding the management of identified issues, with suggestions on how the issues could be resolved based on your current situation.

## How You Begin to Benefit From a VMware Environment Security Review

You start by talking to your Truesec customer contact or any of our experts. Together you will begin the journey to protect your organization's sensitive information and safeguard your corporate brand by scoping the assignment and determining what actions would benefit you most.

By conducting a VMware Environment Security Review, you can create a more secure environment by utilizing insights and actionable information to help you achieve an optimal level of security. This review will also increase the knowledge necessary to secure and manage your VMware environment, thereby minimizing your risk of a cyber breach and mitigating the impact should a breach occur.