

Brochure

Application security— begin the journey now

HPE Security Fortify on Demand
Starter Edition



Hewlett Packard
Enterprise

When you deploy software containing security vulnerabilities, you open the door to hackers. So whether you develop applications in house, buy packaged apps, contract development, or use open source software, an effective software security assurance program is a key pillar of your cyber defense strategy. HPE Security Fortify on Demand Starter Edition provides the security testing tools—and the expertise—you need to begin the journey to better application security.

Time to act on application security

The application security problem is well known and well documented. In a recent study,¹ HPE Security Research examined security scan results of almost 7500 mobile, Web, and desktop apps. They found 75 percent of mobile apps tested exhibit at least one critical- or high-severity security flaw and over 50 percent of non-mobile, Web apps contain a basic input validation vulnerability. Even when you discover vulnerabilities, you're not safe yet. Almost a third of critical-severity vulnerabilities in mobile apps took more than 60 days to remediate leaving companies vulnerable for months. And for non-mobile apps, time to remediate can be much longer.

An effective software security assurance (SSA) program can find vulnerabilities in your software before you deploy it. It can train developers to build security into applications throughout the software development lifecycle. And it can show them how to fix security defects quickly. HPE Security Fortify on Demand Starter Edition is the first step on a journey that can lead to you a comprehensive SSA program. It helps you get started quickly, with little risk, and with minimal up-front investment. In six months, you can discover what an SSA program can do for your organization, while making your apps and your company substantially safer.

How to get started using HPE Security Fortify

Fortify on Demand Starter Edition is not a demo or a community edition with restricted functionality. It's a six-month subscription to HPE Fortify on Demand cloud-based managed security testing service, and it includes an HPE Technical Account Manager to help you plan and execute your program. There's no long-term commitment. There's no hardware or software to buy, and you don't need to hire an in-house application security team.

What can you achieve in six months? Fortify on Demand Starter Edition is a great way to:

- Improve the security of your most business-critical applications.
- Build a baseline of security test results across a variety of application types.
- Demonstrate the value and ROI of a SSA program.
- Gain internal buy-in for a strong and effective program.
- Begin the application security journey that can make your company safer.

How it works

You manage your entire application security testing program through a personalized management portal in five steps: initiate, assess, report, remediate, and retest.

¹ Cyber Risk Report 2016, HPE Security Research, Feb 2016

To initiate an assessment, you simply upload the application source code, byte code, or binaries for static testing or the application's URL and credentials for dynamic testing. Choose the desired assessment type, and then it's up to us. Our professionals perform the assessment, verify the results, and return the results in one to three days. The detailed security testing report identifies vulnerabilities down to the line of code and provides recommendations for remediation. You use the Fortify on Demand portal to assign remediation. And when it's completed, you submit the application for retesting to verify that the vulnerability has been corrected.

Access the right tools and the right expertise

HPE Security Fortify on Demand Starter Edition includes the following features and capabilities.

HPE Security Fortify application security testing

Fortify on Demand Starter Edition includes a value-priced bundle of 65 assessment units of Fortify application security testing. (We'll show you later what you could do with 65 assessment units.) Assessments typically take one to three days and can include:

- **Static assessments**—scan source code, byte code, or binaries of mobile and non-mobile applications to identify security vulnerabilities. We support 23 programming languages and test for more than 900 vulnerability categories.
- **Dynamic assessments**—provide the URL and credentials for your application, and our team of application penetration testers use automated and manual scanning to find critical security flaws in running Web applications.
- **Mobile security testing**—test native application binaries for iOS, Android, Blackberry, and Microsoft® Windows® Phone. We use the application binary to assess the running application itself to find vulnerabilities across the three tiers of a mobile application: client, network, and server.
- **Reporting**—an HPE application security specialist manually reviews and verifies each assessment and removes false positives. Detailed reports identify vulnerabilities by severity and provide relevant metrics, which you can filter by severity, vulnerability category, business unit, region, or other company data.

HPE technical account support

To help you get your SSA program off the ground, your subscription includes access to the HPE Fortify on Demand Technical Account Management (TAM) team. It's your single point of contact for onboarding and managing your application security program. The TAM team provides ongoing technical support for the duration of the agreement and is committed to making your program a success. You can contact them via telephone and chat, 24 hours a day, 7 days a week, 52 weeks a year.

Personalized management portal

A user-friendly security testing dashboard lets you manage your application portfolio and enables collaboration across distributed teams. You can view the risk status of your apps, initiate scans, analyze results, and access prioritized recommendations for application remediation.

Software security research

Your Fortify on Demand Starter Edition subscription includes access to real-time threat intelligence updates from HPE Security Research.

Starter edition scenarios

Fortify on Demand assessment units are pre-paid credits you can redeem for single assessments or subscriptions that allow you to scan one application as many times as you choose for six months. Three kinds of assessments are available: static, dynamic, and mobile. And each assessment type is available at three service levels: basic, standard, and premium.² That lets you match the type of scan to the risk associated with each application.

² For service level details refer to the HPE Security Fortify on Demand [Data Sheet](#) or [web site](#).

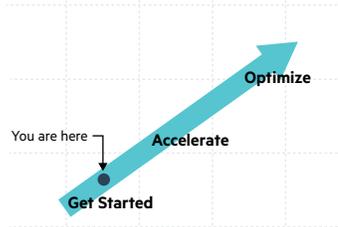


Figure 1. The software security assurance journey

Software Security Assurance (SSA) is a journey. Assessing applications to identify software vulnerabilities is the first step.

How Fortify on Demand works

Step 1. Initiate

- Choose your desired assessment type.
- Upload application or URL.

Step 2. Assess

- We perform an assessment and verify results.
- We remove false-positives and publish the results.

Step 3. Report

- View relevant metrics.
- Quickly identify critical vulnerabilities.
- Track applications at highest risk and trending history.
- Review results anywhere, anytime via the mobile app for iPhone®.

Step 4. Remediate

- Get up-to-date audit information.
- Drill down for stack trace, line of code details, request/response and remediation recommendations.
- Manage and assign remediation tasks through the portal.

Step 5. Retest

- Request a remediation scan through the portal.
- We verify that the items have been correctly remediated.
- We return updated assessment results through the portal.

Table 1. Assessment units required for assessment types

Assessment types	Single assessment	Application subscription (6 months)
Dynamic basic or static analysis	2 assessment units	6 assessment units
Dynamic or mobile standard analysis	4 assessment units	12 assessment units
Dynamic or mobile premium analysis	8 assessment units	25 assessment units

Here are some examples of how you might apply the 65 assessment units included with HPE Security Fortify on Demand Starter Edition to protect applications with high, medium, and low business criticality:

Midsized consumer products company example

- 1 high-criticality app (ecommerce site): dynamic premium subscription 25 AUs
- 4 low-criticality apps (marketing sites): dynamic basic subscription 24 AUs
- 3 medium-criticality apps (in development): 9 single static scans 18 AUs
- 65 AUs**

Midsized healthcare company example

- 1 high-criticality app (customer care portal): dynamic prem. subscription 25 AUs
- 1 high-criticality app (customer mobile app): mobile prem. subscription 25 AUs
- 1 medium-criticality app (healthcare site): dynamic standard subscription 12 AUs
- 62 AUs**

Grow your program

Fortify on Demand Starter Edition provides the software security testing tools and the expertise to help you get started with application security. You can make a few critical applications safer, while quantifying ROI and building internal understanding and buy in. But every dollar you spend and every hour you invest will help you accelerate your program with the full Fortify on Demand service as you expand to cover additional applications and development teams.

How to order

Fortify on Demand Starter Edition is available through Hewlett Packard Enterprise Security Partners.

Starter edition	Assessment units	Suggested list price	Product number	Description
Starter Edition 6 Month Term	65	\$50,000.00	H7F47AS	The Starter Edition includes 65 Fortify on Demand Assessment Units with a 6 month term.

Learn more at hpe.com/software/fortify



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