Empower security, QA and development teams with Web application security training

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IBM

IBM Rational AppScan Web-based training

Highlights

- ***Provides module-based training and guidance on how to get the most from IBM Rational AppScan investments***
- ***Targets subject-matter training and product-based instruction to security, QA and development teams***
- ***Enables users to work at their own pace from virtually anywhere at any time***
- ***Allows managers to view employees' progress***

Most security experts agree: Web applications present one of today's most significant business risks. Organizations are arming their security, quality assurance (QA) and development teams with tools to analyze Web applications for vulnerabilities. But tools alone won't ensure success—you've got to know how to use them.

That's why IBM has packaged a suite of Web-based training resources—IBM Rational® AppScan® Web-based training—to help you give your employees the information they need to successfully acquire top-notch Web application security skills. Leveraging a decade of expertise and best practices developed from customer deployments in many of the world's most challenging and complex Web environments, IBM provides product-based and subject-matter training geared toward software development lifecycle stakeholders: security, QA and development teams.

Offering a convenient, self-paced approach to learning

Compatible with learning management systems and compliant with Sharable Content Object Reference Model (SCORM), IBM Rational Web-based training courses are delivered online in short modules so that virtually anyone, anywhere can access them at any time. Students can easily move back and forth between modules, as well as rewind or advance through them, at their own pace, repeating sections or searching for specific content as necessary. And the modules are hosted on the IBM Learner Portal, where they are accessible to each student for at least 12 months.

Focusing on the training that's right for you

IBM offers online courses in Web application security and in Rational AppScan product training. Both curricula are narrated by IBM experts.

The essentials of Web application security

Designed to introduce you to Web application security, this course presents today's most critical Web application security vulnerabilities, as well as principles for secure coding and solutions for fixing vulnerabilities. The course also introduces some best practices for incorporating Web application security into the software development lifecycle. Modules include the following:

1. *Web application basics*
2. *Introduction to Web application security: Hacking 101*
3. *Web Application Security Consortium (WASC) threat classifications*
4. *Open Web Application Security Project (OWASP) top 10 vulnerabilities*
5. *Fixing common Web application vulnerabilities*
6. *Secure coding principles*
7. *Threat modeling*
8. *Application security testing*

IBM Rational AppScan product training

Offering detailed instruction on how to use several Rational AppScan products, the online product training helps ensure that you're getting the most from your security solution investments.

IBM Rational AppScan Standard Edition

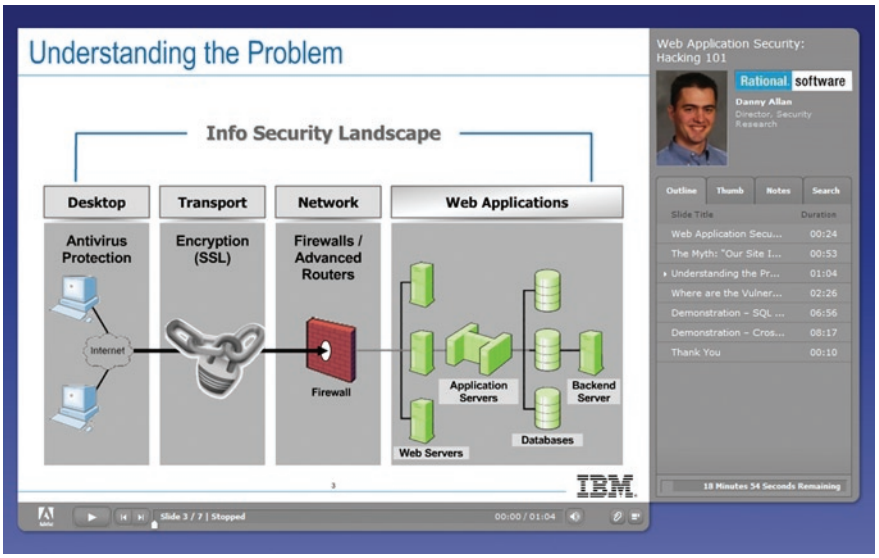
This course is designed to teach you how to use IBM Rational AppScan Standard Edition software to test your Web applications for security issues. The course shows you how to configure security scans, interpret results and create reports. You will also be introduced to the various ways in which Rational AppScan Standard Edition can be customized by using the Rational AppScan software development kit (SDK) and Rational AppScan eXtensions Framework tools. Included in this course are the following modules:

1. *IBM Rational AppScan Standard Edition overview*
2. *Installation*
3. *Application coverage*
4. *Explore settings*
5. *Manual explore settings*
6. *Authentication*
7. *Maintaining session state*
8. *Verifying explore results*
9. *Special explore cases*
10. *Special authentication cases*
11. *Managing logout*
12. *Creating test policies*
13. *Privilege escalation testing*
14. *Test stage*
15. *Test stage results*
16. *Verifying cross-site scripting (XSS) and structured query language (SQL) injection*
17. *Rational AppScan reports*
18. *Delta analysis*
19. *Scanning Web services*
20. *Scheduler and command-line interface (CLI)*
21. *Rational AppScan SDK and Rational AppScan eXtensions Framework*

IBM Rational AppScan Enterprise Edition

Also designed to teach you how to use Rational AppScan to test your Web applications for security issues, the course on the enterprise edition shows you how to configure security scans, use dashboards, interpret reports and administer the Rational AppScan software. This course includes the following modules:

1. *Rational AppScan Enterprise Edition overview*
2. *Getting to know Rational AppScan Enterprise Edition*
3. *Reports at a glance*
4. *Before you begin*
5. *Creating a scan*
6. *Advanced scan settings*
7. *Importing results*
8. *Creating report packs*
9. *Verifying scan results*
10. *Using dashboards*
11. *Managing users*
12. *Managing access control*
13. *Creating scan templates*
14. *Creating dashboards*



Courses are organized in short focused modules.

IBM Rational AppScan Reporting Console
This course is designed to teach you how to use IBM Rational AppScan Reporting Console to consolidate, view, interpret and distribute your collected Web application security data. Modules include:

1. *Overview of Rational AppScan Reporting Console*
2. *Organizing your data*
3. *Creating import jobs*
4. *Creating report packs*
5. *Verifying scan results*
6. *Using dashboards*
7. *Managing users*
8. *Managing access control*
9. *Creating dashboards*
10. *Managing Rational AppScan permissions*

Enhancing accountability with management visibility into progress
Companies that leverage IBM Rational Web-based training have access to reports where team leaders and executives can monitor their employees' progress by viewing enrollment status and course completion rates.

Why IBM?
IBM Rational AppScan software can be used across your organization's software development lifecycle to increase visibility and control—helping you address the critical challenge of application security. But to get the most from your Rational AppScan investments, you need to enable your users to fully take advantage of them. Through Web-based training from IBM, your security, QA and development teams can help you better protect your Web applications, as well as your business.

For more information
To learn more about IBM Rational AppScan Web-based training, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/rational/offerings/testing/webapplicationsecurity

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Produced in the United States of America
January 2009
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RAD14083-USEN-00