



G-Cloud 14 Service Definition

Accenture Application Security Services

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 **accenture**

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1. Scope of our services

Applications are the leading attack vector in security breaches. Application development thrives on speed, but as teams embrace cloud, agile, and DevSecOps, security is often left behind as it is too slow and inefficient.

We believe that Application Security is neither the concern of a handful of the specialist in the organisation nor of just some developers. Developing Secure Code requires a cultural mindset shift from the whole organisation, IT and Business. Our services are tailored to help walk your teams through the transformation journey to make your applications Secure by Design.

Our key differentiators include:

End-to-End range of services: We offer comprehensive application security transformation services from assessment and implementation to orchestration and service run.

Tailored approach - We work with you to define your optimal state (“what good looks like” / maturity level). Not all businesses need to be at the same end state.

Unique partnerships - We use a selection of Microsoft and third-party tools to offer seamless integration with your cloud and on-premise environments.

Proven Model - We simplify security delivery and orchestration through accelerators, such as our assessment questionnaire repository, pre-built integrations, architectures, governance models and tools.

2. Approach

We provide a number of services and offerings tailored to meet client requirements.

Capabilities	Offerings
Application Security Assessment	<p>Our Application Security (AppSec) Assessment is a security advisory engagement designed to assess the maturity of the application security aspects of a project or a specific complex application comprehensively through expert reviews & testing techniques to deliver a prioritised plan for enhancement and remediation. Our security consulting professionals utilise our AppSec framework consisting of industry-leading practices to discover, define and prioritise security controls and opportunities to remediate weaknesses and gaps.</p> <p>In-Scope Services:</p> <ol style="list-style-type: none">Current-state assessment<ul style="list-style-type: none">Review existing documentationInterview stakeholders to understand the current state of Application Security by performing the following:<ul style="list-style-type: none">Process & Tools reviewTeams EvaluationApplication AnalysisRoadmap<ul style="list-style-type: none">Develop future-state implementation framework and strategy design as well as associated security requirementsOutline gap remediation initiatives and design a target operating modelDevelop team RACI matrixEstimate the level of effort and costsAlign business objectives and prioritise initiativesDraft implementation roadmap
Application Security testing	<p>Our service provides on-demand application security testing services to meet your security testing requirements throughout the SDLC. Use our service and expertise to augment your application security testing capabilities or validate your testing results. This way, we achieve solution flexibility -- we are able to Integrate an optimal set of tools for your needs. Furthermore, we are able to perform custom integration should the chosen toolset not have native integration with each other and with your environment.</p> <ol style="list-style-type: none">Static Application Security Testing (SAST)<p>Scan the codebase for vulnerabilities against common frameworks such as OWASP top 10, HIPPA, and ISO27001</p>Dynamic Application Security Testing (DAST)<p>Identify vulnerabilities in web applications, REST APIs or Web Services Takes place on the deployed code</p>Interactive Application Security (IAST)<p>Identify vulnerabilities with DAST via runtime agents to find more vulnerabilities</p>Software Composition Analysis (SCA)<p>Identify open-source software in use in the solution that is vulnerable to attack</p>

	<p>5. Credential Scanning Scan for credentials, secrets, certificates, and other sensitive content in your source code and your build output</p> <p>6. Application Penetration Testing Identify vulnerabilities in the product/applications, automated scan coupled with in-depth manual testing</p> <p>7. Mobile Penetration Testing Identify vulnerabilities in the mobile applications on the iOS and Android platform, automated scan coupled with in-depth manual testing</p> <p>8. Self Service Capabilities: Training availability Security team engagement Templates/Job aides/checklists</p>
Secure SDLC Design & Implementation	<p>A comprehensive application security program spans strategy, governance, assessment, remediation and operations. A secure SDLC is implemented in multiple phases. However, depending on the current state of the SDLC, the relevant phase/s can in be included as part of the scope.</p> <p>In-Scope Services:</p> <ol style="list-style-type: none"> 1. Secure SDLC Implementation <ul style="list-style-type: none"> • Develop processes, guidelines, checklists, etc. • Update application security policy/policies as applicable • Conduct a pilot using the developed processes and other documentation • Deployment of the test environment with the required tools 2. Secure SDLC Transformation <ul style="list-style-type: none"> • Mobilisation of the security team/resources • Training for development teams • Change Management implementation • KT from Implementation to Transformation/ Operations team • Awareness and communication of Security processes
Managed Application Security	<p>Managed Application Security Services enables the continuous operation of the Secure SDLC solution. Our managed application security services refer to the Operation of the Secure SDLC solution. The Governance and Roles involved in operating a Secure SDLC solution are defined in line with Organisation Change Management.</p> <p>As with our Implementation Services, we adopt an agnostic approach to Run Services – we provide flexibility by being able to staff roles such as Security Champions in an outsource model; or by enabling the client to in-source Operations after having conducted the training.</p> <p>In-Scope Services:</p> <ol style="list-style-type: none"> 1. SDLC Operations <ul style="list-style-type: none"> • Continue the operations as per the pilot and transformation phase • Maintenance of the tools and platform (if applicable) • Vulnerability Management • Dashboard, Metrics and Reporting • Continuous improvement planning and implementation • Execute all security assessments included as part of process • Maintenance of tools, licenses and infrastructure

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| | <ul style="list-style-type: none">• Update policies, checklists, guidelines as required• Vulnerability management and remediation support Continuous improvement planning and implementation <ul style="list-style-type: none">• Governance dashboard, metrics and reporting• Continuous Security Assessments• Maintenance – Tools, infra and documentation• 3. Reports - Dashboards, metrics |
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3. Assets and tools

Asset	Description
Intelligent Application Security Platform (IASP)	<p>Our Intelligent Application Security Platform (IASP) is a flexible integration platform that helps organisations achieve 20-30% faster development, up to 30x less remediation cost and with 30-50% less staff.</p> <p>Integrate security into development without slowing it down through orchestrated services that help find and remediate critical issues at scale.</p> <p>It enables:</p> <ul style="list-style-type: none"> • Application onboarding at scale • Automated meaningful scanning • Focused, triaged results • Clear, actionable reports • Remediation support
SAST and DAST Tools Evaluation	This is an internal evaluation of the cloud model or SAST and DAST vendor tools. Vendors considered were Micro Focus, IBM, Veracode, Rapid 7, Netsparker, ASAP platform
RASP TOOLS Evaluation	Runtime Application Self-Protection (RASP) is a relatively new and unexplored alternative to Web Application Firewalls (WAFs). This report provides both an analysis to understand how a RASP engine works and a comparison between vendor solutions. Vendors evaluated were Prevoty, Contrast and Micro Focus.
SCA Tools Evaluation	This is an internal evaluation of Software Composition Analysis vendor tools. We aim to understand ease of use and efficiency in various client scenarios. Vendors considered Sonatype Nexus, White source and Blackduck
DevSecOps Maturity Assessment	Leverage to conduct DevSecOps Maturity Assessment for a client account.
Threat Modeling	Threat modelling handbook and checklist act as very good enablers during the secure design of an application. The handbook helps build capability about TM, and the checklist helps during implementation
Secure Coding Guidelines	Secure Coding best practices. Best Practices specific to ABAP and JAVA are also available
DevSecOps Provisioning Scripts	Ansible playbooks to provision virtual machines (EC2 instance) on AWS cloud platform and install Security testing tools - SSC, SCA, Web Inspect tools and Jenkins for CI/CD pipeline setup.
DevSecOps ADOP Security Extension	Security extension for Accenture DevOps Platform (ADOP); integrating automated SAST, Vulnerability Management, Ticket Management, and Pipeline Management.
DevSecOps Orchestration Platform	This orchestration platform provides both an integration framework and a central facility to manage security scans of various vendor tools that would otherwise have no native integration with each other.
Testing as a Services (TAAS) Platform	Security testing platform for fast-track DAST and SAST

4. Pricing

Please refer to the associated Pricing Document relevant to this Service.

5. Contacts

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6. About Accenture

Accenture is a leading global professional services company that helps clients build their digital core, transform their operations, and accelerate revenue growth—creating tangible value across their enterprises at speed and scale. We are uniquely able to create these outcomes because of our broad range of services in strategy and consulting, interactive, technology and operations, with digital capabilities across all of these services. We combine unmatched industry experience and specialised capabilities across more than 40 industries and all business functions. With 743,000 people serving clients in more than 120 countries, and a net revenue of \$64.1 billion USD for the financial year ending on 2023, Accenture drives innovation to improve the way the world works and lives.

Avanade, a joint venture between Accenture and Microsoft, is a privately held company was founded in 2000 with the goal of delivering innovative services and solutions to enterprises worldwide using the Microsoft platform. Avanade's main business focus is to purely deliver innovative services and solutions to enterprises worldwide on Microsoft technology. Avanade is a global organisation with over 56,000+ professionals worldwide, serving our clients in major geographic business areas in 26 countries.

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