

**SKILLS FRAMEWORK FOR FINANCIAL SERVICES  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

|                                    |   |                |   |   |  |                |
|------------------------------------|---|----------------|---|---|--|----------------|
| <b>TSC Category</b>                | Data Analytics and Information Technology Management  |                |   |   |  |                |
| <b>TSC</b>                         | Software Configuration  |                |   |   |  |                |
| <b>TSC Description</b>             | Configure software products, analytics and modelling solutions, and apply and/or modify scripts and automation tools to integrate and deploy releases to various platforms and operating environments |                |   |   |  |                |
| <b>TSC Proficiency Description</b> | <b>Level 1</b>  | <b>Level 2</b> | <b>Level 3</b>  | <b>Level 4</b>  | <b>Level 5</b>   | <b>Level 6</b> |
|                                    |   |                | <b>FSE-DIT-3014-1.1-1</b>   | <b>FSE-DIT-4014-1.1-1</b>   | <b>FSE-DIT-5014-1.1-1</b>  |                |
|                                    |   |                | Apply standard scripts and tools to deploy software products, analytics and modelling solutions, conduct document release and deployment activities, as well as implement modifications to software configurations                            | Identify appropriate scripts, tools, and system needs aligned to business requirements, to configure software products, analytics and modelling solutions to run effectively on various platforms   | Establish effective release and configuration plans to enable the use and deployment of software tools and solutions, and evaluate configuration test results to recommend modifications to the product or deployment process  |                |
| <b>Knowledge</b>                   |   |                | <ul style="list-style-type: none"> <li>Standard scripts and tools for software configuration</li> <li>Basic tests and checks for deployment of software to platforms</li> <li>Signs of errors and/or issues in software deployment</li> </ul> | <ul style="list-style-type: none"> <li>Types and usage of scripts and tools for integrating and deploying software products</li> <li>Software configuration procedures</li> <li>Configuration tests and their purposes</li> <li>Processes for interpreting configuration test results</li> <li>Elements of the software configuration and deployment process</li> <li>Business requirements for software and solutions</li> </ul> | <ul style="list-style-type: none"> <li>Critical elements and considerations in a software configuration plan</li> <li>New and emerging software configuration tools and methodologies</li> <li>Techniques for script development for software configuration</li> <li>Pros, cons and applicability of various systems and/or configuration tests</li> <li>Implications of configuration testing results on the software deployment process</li> </ul> |                |
| <b>Abilities</b>                   |   |                | <ul style="list-style-type: none"> <li>Apply standard scripts and tools to deploy software products to specific platforms</li> <li>Perform simple tests and/or checks on</li> </ul>   | <ul style="list-style-type: none"> <li>Analyse release components for software and analytics and modelling solutions</li> <li>Identify and align to business requirements</li> </ul>  | <ul style="list-style-type: none"> <li>Develop release and deployment policies for the organisation</li> <li>Lead the planning and design of release packages across business units</li> </ul>   |                |

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|  |  |  | <p>platform-specific versions of software products</p> <ul style="list-style-type: none"> <li>• Identify compatibility and functionality issues arising from checks</li> <li>• Execute modifications to software configuration, based on directions and guidelines</li> <li>• Document updates to software products and deployment instructions</li> <li>• Develop written guidelines to guide usage of software and solutions</li> <li>• Communicate guidelines and provide deployment support to end-users and Information Technology (IT) professionals</li> <li>• Record release activities for future reference</li> </ul> | <p>for software and solutions before deployment</p> <ul style="list-style-type: none"> <li>• Coordinate with relevant stakeholders on release scheduling to align release processes and procedures</li> <li>• Select appropriate scripts and tools for integrating and deploying software products</li> <li>• Configure software products to integrate and deploy software releases to various platforms</li> <li>• Execute configuration tests on platform-specific versions of software products in line with testing procedures</li> <li>• Diagnose issues surfaced from configuration testing</li> <li>• Identify potential improvements and modifications to the software configuration and deployment process, and/or software codes</li> <li>• Implement modifications to platform-specific software products and processes</li> <li>• Guide and train end-users to ensure the usability of software and solutions upon deployment</li> </ul> | <ul style="list-style-type: none"> <li>• Establish plans for configuration of software products to run across various suitable platforms</li> <li>• Ensure alignment between model development mechanisms and end-user interfaces</li> <li>• Introduce new and emerging software configuration tools and methodologies</li> <li>• Develop new scripts to enable multi-step software configurations</li> <li>• Select appropriate systems and configuration tests</li> <li>• Revise software configuration plans based on testing results</li> <li>• Direct modifications to software products and/or configuration codes, to enable software products to run as intended</li> </ul> |  |
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