

A selection of 38 illustrative SFIA skills profiles for "the Cloud"

A quick-start guide to creating skills-based responsibilities for your roles.



SFIA 8 - illustrative skills profiles

Generic mappings of SFIA 8 skills to recognised role families or career families. By looking across the industry, across different countries and users we can provide a useful starting point for creating a SFIA-based skills profile for common roles.

The SFIA framework is flexible by design...

- it does not prescribe or define jobs, roles, organisation structures or career paths
- instead SFIA describes the skills that roles, jobs or career steps require
- this enables organisations of different shapes and sizes to create their own built on a robust and proven framework

However – and based on significant demand from SFIA's users - we have collated a set of generic mappings of SFIA skills for the industry's most common role families...

- these provide a quick-start list of the most relevant SFIA skills for a selection of common roles.
- your own skill mappings will be specific to your context. You should tailor the mappings on this page to reflect your needs.
- the mapping does not include SFIA levels. You will need to determine the level of responsibility of your own roles to assign SFIA skills and skill levels.



If you want to use these for your own organisation – here are some guidelines to help you.

- Do not use these without tailoring for your own use
- Take some time to learn about the <u>SFIA framework</u> and clarify what you are trying to achieve and the outcomes you want from skills profiles
- Your organisation's priorities and context will drive the skills and competency levels required
- You will need to look at the SFIA levels to determine the relevant competency levels for your own jobs/roles
- If you can't find what you are looking for try the <u>SFIA views</u>, the full framework view or the <u>A-to-Z list</u>
- Do not include too many SFIA skills per role 5 to 7 skills is a pragmatic number to provide focus. Many roles need fewer.
- These generic roles do not imply an organisation or team design. SFIA is a great framework to support organisation design but be aware that organisation design is a specialised activity.
- For example larger organisations may have specialised jobs/roles where smaller organisations may combine several roles into one job.

There is some basic guidance available on the website - see SFIA and skills management.

SFIA Partners and SFIA Consultants are available for advice and implementation support. Full details are available here.

We also recommend SFIA Accredited Training which can teach you how to map SFIA skills to your own roles.

The SFIA User Forum page is here and includes guidance on job architectures and skills-based job analysis.



What's in the tables

- 1. Name and a brief description of the grouping, e.g. the Information and cyber security role family
 - this may be sub-divided e.g. Security operations, Information security audit and compliance, Information security strategy and management
- 2. Example job titles this is illustrative only.
 - o Job titles vary considerably between industries, employers, countries
 - Prefixes for career steps/job grades also vary (e.g. lead, senior, junior, principal, vice president, head of, director of)
 - o For these reasons the SFIA framework does not specify job titles but does describe competency levels
- 3. Look at these SFIA skills first group these are skills that are frequently associated with the role or career family. The skill names are live hyperlinks to the full skill description.
- 4. Other SFIA skills to consider these skills that may be relevant for selected instances of the role. The skill names are live hyperlinks to the full skill description.



Illustrative SFIA skills profiles

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Agile delivery role family									
Role: Agile change agents	Roles responsible for developing, imple practices.	oles responsible for developing, implementing, supporting, guiding, nurturing and improving agile working ractices.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Scrum Master, Agile Coach	Business situation analysis	3-6	BUSA	Methods and tools	3-6	METL			
	Organisation design and implementation	4-7	ORDI	Knowledge management	2-7	KNOW			
	Organisational facilitation	4-6	OFCL	Organisational change management	3-6	CIPM			
	Stakeholder relationship management	4-7	RLMT						
	Innovation	5-7	INOV						
	Organisational capability development	5-7	OCDV						
	Employee experience	4-6	EEXP						
	Measurement	3-6	MEAS						
	Learning delivery	2-5	ETDL						
	Consultancy	4-7	CNSL						

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Agile delivery role family									
Role: Agile product management	Roles responsible for using an adaptive approach to product planning and implementation.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Product Manager, Product	Product management	3-6	PROD	Risk management	3-7	BURM			
Owner, Release Train	Stakeholder relationship management	4-7	RLMT	Demand management	5-6	DEMM			
Engineer	Requirements definition and management	2-6	REQM	Information systems coordination	6-7	ISCO			
	Business situation analysis	3-6	BUSA	Solution architecture	4-6	ARCH			
	Feasibility assessment	3-6	FEAS	Release and deployment	3-6	RELM			
	Measurement	3-6	MEAS						
	Business process improvement	5-7	BPRE						
	Innovation	5-7	INOV						
	Marketing	2-6	MKTG						
	Selling	3-6	SALE						

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Business analysis role family									
Role: Business analysis practitioners Roles responsible for investigating operational issues, problems and new opportunities. Finding business solutions through improvements in aspects of business operations and business systems.									
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Business Analyst, Junior	Business situation analysis	3-6	BUSA	Business modelling	2-6	BSMO			
Business Analyst, Lead Business Analyst, Principal Business Analyst, Business	Feasibility assessment	3-6	FEAS	Demand management	5-6	DEMM			
	Requirements definition and management	2-6	REQM	Stakeholder relationship management	4-7	RLMT			
Systems Analyst, Business	Acceptance testing	2-6	BPTS	Benefits management	5-6	BENM			
Requirements analyst	Data modelling and design	2-5	DTAN	Organisational change management	3-6	CIPM			
	Business process improvement	5-7	BPRE	User experience analysis	3-5	UNAN			
	Methods and tools	3-6	METL	Product management	3-6	PROD			
				Enterprise and business architecture	5-7	STPL			
				Innovation	5-7	INOV			
				Organisational capability development	5-7	OCDV			
				Consultancy	4-7	CNSL			
				Strategic planning	5-7	ITSP			

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Business analysis role family									
Role: Business analysis practice management	Roles responsible for leading, managing, developing and deploying business analysts and business analysis capabilities.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Business Analysis Practice	Professional development	4-6	PDSV	Competency assessment	3-6	LEDA			
Leader, Business Analysis Manager, Head of Business Analysis	Resourcing	3-6	RESC	Demand management	5-6	DEMM			
	Performance management	4-6	PEMT	Learning design and development	3-5	TMCR			
	Stakeholder relationship management	4-7	RLMT	Quality management	3-7	QUMG			
	Employee experience	4-6	EEXP	Supplier management	2-7	SUPP			
	Knowledge management	2-7	KNOW						
	Organisational capability development	5-7	OCDV						

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Cloud Application platform role family								
Role: Cloud Application development practitioners	Roles responsible for developing cloud-native applications that are reliable, flexible, scalable, and senhance organisational cloud capabilities.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:				
Cloud Application Developer, Cloud Software Engineer, Cloud-Native Developer, Cloud Application Architect, Cloud Full-Stack Developer, Cloud Microservices Developer, Cloud-Based Application Specialist	Programming/software development Testing	2-6 1-6	PROG TEST	Systems integration and build	2-6	SINT		

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Cloud Application platform role family									
Role: Cloud Application platform management practitioners	Roles responsible for managing the provision of reliable secure software applications which support business capabilities and are easily re-used, maintained and updated to meet current and future organisational needs.								
Example Job Titles:	Look at these SFIA skills and levels first:								
Platform Owner, Application Owner, Platform Manager, Head of Platform Engineering	Applications support	2-5	ASUP	Demand management	5-6	DEMM			
	Release and deployment	3-6	RELM	Service level management	2-7	SLMO			
	Stakeholder relationship management	4-7	RLMT	Systems and software life cycle engineering	4-7	SLEN			
	Supplier management	2-7	SUPP	Methods and tools	3-6	METL			
	Systems development management	5-7	DLMG	Emerging technology monitoring	4-6	EMRG			
				Configuration management	2-6	CFMG			
				Contract management	3-6	ITCM			

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Cloud Architecture role family									
Role: Cloud Architecture practice management	Roles responsible for leading and man solutions, ensuring the adoption of be	oles responsible for leading and managing teams in the design and implementation of cloud architecture olutions, ensuring the adoption of best practices in cloud environments.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Architecture Practice Leader, Head of Enterprise Architecture, Head of Solutions Architecture, Chief Architect	Performance management	4-6	PEMT	Demand management	5-6	DEMM			
	Employee experience	4-6	EEXP	Supplier management	2-7	SUPP			
	Resourcing	3-6	RESC	Competency assessment	3-6	LEDA			
	Professional development	4-6	PDSV	Learning design and development	3-5	TMCR			
	Knowledge management	2-7	KNOW	Quality management	3-7	QUMG			
	Organisational capability development	5-7	OCDV						

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Cloud Architecture role family								
Role: Cloud Enterprise architecture practitioners	Roles in charge of formulating and guiding the overarching enterprise cloud strategies, aligning with business goals and facilitating digital transformation.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:				
Enterprise Architect, Lead Enterprise Architect, Chief Enterprise Architect, Data Architect, Infrastructure	Enterprise and business architecture	5-7	STPL	Business situation analysis	3-6	BUSA		
	Requirements definition and management	2-6	REQM	Demand management	5-6	DEMM		
	Strategic planning	5-7	ITSP	Information systems coordination	6-7	ISCO		
Architect, Innovation	Methods and tools	3-6	METL	Information security	3-7	SCTY		
Architect, Business Architect,	Data management	4-6	DATM	Business process improvement	5-7	BPRE		
Strategy Architect, Security	Data modelling and design	2-5	DTAN	Feasibility assessment	3-6	FEAS		
architect, Cloud architect	Network design	3-6	NTDS	Emerging technology monitoring	4-6	EMRG		
	Governance	6-7	GOVN	Innovation	5-7	INOV		
				Organisational capability development	5-7	OCDV		
				Organisation design and implementation	4-7	ORDI		
				Consultancy	4-7	CNSL		
				Business modelling	2-6	BSMO		

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Cloud Architecture role family									
Role: Cloud Solution architecture practitioners	Roles ensuring the strategic planning an line with cloud architectural standards.	toles ensuring the strategic planning and execution of cloud solutions that meet project objectives and are in ne with cloud architectural standards.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud Solution Architect, Cloud Technical Solution Architect, Cloud Application Solution Architect, Cloud	Solution architecture	4-6	ARCH	Business situation analysis	3-6	BUSA			
	Systems design	3-6	DESN	Software design	2-6	SWDN			
	Requirements definition and management	2-6	REQM	Business modelling	2-6	BSMO			
Data Solution Architect,	Data management	4-6	DATM	Demand management	5-6	DEMM			
Cloud Security Solution	Data modelling and design	2-5	DTAN	Emerging technology monitoring	4-6	EMRG			
Architect, Cloud Integration	Network design	3-6	NTDS	Information security	3-7	SCTY			
Solution Architect, Cloud Migration Solution Architect	Database design	3-5	DBDS	Business process improvement	5-7	BPRE			
wigiation Solution Architect	Specialist advice	4-6	TECH	Consultancy	4-7	CNSL			
	Methods and tools	3-6	METL						

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Cloud Data and analytics role family								
Role: Cloud Data engineering practitioners	Roles focused on designing, constructing, and maintaining robust cloud-based data infrastructure and pipelines							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:				
Cloud Data Engineer, Cloud Big Data Engineer, Cloud Data Pipeline Engineer, Cloud Data Infrastructure Engineer, Cloud Data Platform Engineer, Cloud Data Integration Engineer, Cloud Data Warehouse Engineer	Data engineering Data management Requirements definition and management Programming/software development Data modelling and design Database design Systems integration and build Testing	2-6 4-6 2-6 2-5 3-5 2-6 1-6	DENG DATM REQM PROG DTAN DBDS SINT TEST	Software design Solution architecture	2-6 4-6	SWDN ARCH		

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Cloud Data and analytics role family									
Role: Cloud Data engineering practitioners	Roles responsible for overseeing the implementation of cloud DevOps practices, promoting continuintegration and continuous delivery in cloud projects.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud Data Engineer, Cloud Big Data Engineer, Cloud Data Pipeline Engineer, Cloud Data Infrastructure	Data engineering	2-6	DENG	Software design	2-6	SWDN			
	Data management	4-6	DATM	Solution architecture	4-6	ARCH			
	Requirements definition and management	2-6	REQM						
Engineer, Cloud Data	Programming/software development	2-6	PROG						
Platform Engineer, Cloud	Data modelling and design	2-5	DTAN						
Data Integration Engineer,	Database design	3-5	DBDS						
Cloud Data Warehouse Engineer	Systems integration and build	2-6	SINT						
Liigiileei	Testing	1-6	TEST						

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Cloud Data and analytics role family								
Data practitioners Roles centred on managing and automating cloud data systems, ensuring the integrity and availability of cloud environments.								
Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
IT infrastructure Database administration	1-5 2-5	ITOP DBAD	Incident management Problem management	2-5 3-5	USUP PBMG			
Change control	2-6 2-6	CFMG CHMG	Technology service management Testing	5-7 1-6	ITMG TEST			
Release and deployment	3-6	RELM						
	Roles centred on managing and automatic cloud environments. Look at these SFIA skills and levels first: IT infrastructure Database administration Configuration management Change control Systems integration and build	Roles centred on managing and automating cloud environments. Look at these SFIA skills and levels first: IT infrastructure 1-5 Database administration 2-5 Configuration management 2-6 Change control 2-6 Systems integration and build 2-6	Roles centred on managing and automating cloud data cloud environments. Look at these SFIA skills and levels first: IT infrastructure Database administration Configuration management Change control Systems integration and build Could data automating cloud cloud cloud data automating cloud clo	Roles centred on managing and automating cloud data systems, ensuring the integrity and avail cloud environments. Look at these SFIA skills and levels first: IT infrastructure Database administration Configuration management Configuration management Change control Systems integration and build Other SFIA skills and levels to consider: Incident management Problem management Technology service management Testing Systems integration and build	Roles centred on managing and automating cloud data systems, ensuring the integrity and availability of cloud environments. Look at these SFIA skills and levels first: IT infrastructure 1-5 ITOP Database administration 2-5 DBAD Configuration management 2-6 CFMG Change control Systems integration and build Other SFIA skills and levels to consider: 1-5 ITOP Incident management 2-5 Problem management 3-5 Technology service management 5-7 Testing 1-6			

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Cloud Data and analytic	Cloud Data and analytics role family									
Role: Cloud Data science practitioners	Roles dedicated to extracting actionable insights from large datasets within cloud environments using advanced analytical methods.									
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:						
Cloud Data Scientist, Cloud Machine Learning Engineer, Cloud AI Engineer, Cloud Big Data Analyst, Cloud	Data science	2-7	DATS	Data engineering	2-6	DENG				
	Data management	4-6	DATM	Innovation	5-7	INOV				
	Data visualisation	3-5	VISL	Methods and tools	3-6	METL				
Predictive Analytics	Programming/software development	2-6	PROG	Research	2-6	RSCH				
Specialist, Cloud Data Mining	Machine learning	2-6	MLNG	Emerging technology monitoring	4-6	EMRG				
Expert, Cloud Business	Data modelling and design	2-5	DTAN	Measurement	3-6	MEAS				
Intelligence Analyst				Information systems coordination	6-7	ISCO				

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- Do not include too many SFIA skills per role 5 to 7 skills is a pragmatic number to provide focus. Many roles need fewer.



Cloud DevOps role family									
Role: Cloud DevOps practitioners	Roles engaged in creating automated pipelines for cloud infrastructure and services, facilitating frequent code deployments and operational reliability.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud DevOps Engineer, Cloud Automation Engineer, Cloud Infrastructure as Code (IaC) Engineer, Cloud Site Reliability Engineer (SRE), Cloud Release Engineer, Cloud DevOps Consultant, Cloud Configuration Management Engineer, Cloud DevOps Pipeline Engineer, Cloud DevSecOps Engineer, Cloud DevOps Technical Lead	Systems and software life cycle engineering Programming/software development Requirements definition and management Configuration management Systems integration and build Release and deployment Testing Database administration IT infrastructure Change control	4-7 2-6 2-6 2-6 3-6 1-6 2-5 1-5 2-6	SLEN PROG REQM CFMG SINT RELM TEST DBAD ITOP CHMG	Incident management Problem management Software design Vulnerability assessment User experience evaluation	2-5 3-5 2-6 2-5 2-6	USUP PBMG SWDN VUAS USEV			

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Cloud Experience design role family									
Role: Cloud Service design practitioners	Roles responsible for the conceptualisati touchpoints.	on and	l design (of cloud service experiences across vario	ous user				
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud Service Designer,	Business situation analysis	3-6	BUSA	Innovation	5-7	INOV			
Cloud User Experience (UX) Designer, Cloud User Interface (UI) Designer,	Feasibility assessment	3-6	FEAS	Methods and tools	3-6	METL			
	Requirements definition and management	2-6	REQM	Product management	3-6	PROD			
Cloud Interaction Designer,	Business process improvement	5-7	BPRE	Strategic planning	5-7	ITSP			
Cloud Information Architect,	Emerging technology monitoring	4-6	EMRG	User research	3-6	URCH			
Cloud Service Design	User experience analysis	3-5	UNAN	Business modelling	2-6	BSMO			
Consultant, Cloud Service	User experience design	3-6	HCEV	Data modelling and design	2-5	DTAN			
Design Specialist	User experience evaluation	2-6	USEV	Consultancy	4-7	CNSL			
				Organisational capability development	5-7	OCDV			
				Enterprise and business architecture	5-7	STPL			
				Benefits management	5-6	BENM			

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Cloud Information and cyber security role family									
Role: Cloud Security risk management, audit and compliance	Roles that evaluate and manage the risks associated with cloud computing, ensuring adherence to legal, regulatory, and policy requirements.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
IT auditor, Info sec compliance consultant, Security assessment auditor, Audit manager, Security	Information assurance	3-7	INAS	Consultancy	4-7	CNSL			
	Risk management	3-7	BURM	Measurement	3-6	MEAS			
	Testing	1-6	TEST						
leadership, strategy and management	Audit	3-7	AUDT						

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Cloud Information and cyber security role family									
Role: Cloud Security operations		toles that manage the daily operation of cloud security policies and measures, actively monitoring for and esponding to threats within cloud frameworks.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud Security Operations Engineer, Cloud Security Analyst, Cloud Security Administrator, Cloud Security	Security operations	1-6	SCAD	Measurement	3-6	MEAS			
	IT infrastructure	1-5	ITOP	Specialist advice	4-6	TECH			
	Incident management	2-5	USUP	Knowledge management	2-7	KNOW			
Specialist, Cloud Security	Network support	2-5	NTAS	Software configuration	3-6	PORT			
Incident Responder, Cloud	System software	3-5	SYSP	Systems installation and removal	1-5	HSIN			
Security Operations Center	Information security	3-7	SCTY	Problem management	3-5	PBMG			
(SOC) Analyst, Cloud Security Operations Manager	Asset management	2-6	ASMG	Facilities management	3-6	DCMA			
Security Operations Manager	Supplier management	2-7	SUPP	Stakeholder relationship management	4-7	RLMT			
	Technology service management	5-7	ITMG	Risk management	3-7	BURM			
				Penetration testing	3-6	PENT			

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Cloud Information and	Cloud Information and cyber security role family									
Role: Cloud Incident management practitioners	nanagement services.									
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:						
Cloud Incident Manager, Cloud Incident Response Specialist, Cloud Incident Analyst, Cloud Incident Coordinator, Cloud Incident	Incident management	2-5	USUP	Continuity management	2-6	COPL				
	Security operations	1-6	SCAD	Information security	3-7	SCTY				
	Digital forensics	3-6	DGFS	Testing	1-6	TEST				
				Supplier management	2-7	SUPP				
Resolution Engineer, Cloud				Stakeholder relationship management	4-7	RLMT				
Incident Management				Methods and tools	3-6	METL				
Consultant, Cloud Incident Management Administrator				Business intelligence	2-5	BINT				

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Cloud Information and cyber security role family									
Role: Security leadership, strategy and management	Roles responsible for leading the development and execution of security strategies and policies.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Chief Information Security Officer CISO, Information security manager, Security architect, Cloud Security Architect, Information	Information security	3-7	SCTY	Organisational capability development	5-7	OCDV			
	Governance	6-7	GOVN	Enterprise and business architecture	5-7	STPL			
	Risk management	3-7	BURM	Measurement	3-6	MEAS			
	Information management	4-7	IRMG						
security analyst, Cyber	Information assurance	3-7	INAS						
security manager, Cyber security governance manager, Cyber security analyst	Stakeholder relationship management	4-7	RLMT						

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Cloud Service management role family										
Role: Cloud Service operations practitioners	Roles involved in the ongoing manage experiences and service delivery.	Roles involved in the ongoing management and enhancement of cloud services to ensure high-quality user experiences and service delivery.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:						
Cloud Service Operations Engineer, Cloud Service Operations Analyst, Cloud Service Operations Manager, Cloud Service Operations	Asset management	2-6	ASMG	Business intelligence	2-5	BINT				
	Change control	2-6	CHMG	Business situation analysis	3-6	BUSA				
	Configuration management	2-6	CFMG	Contract management	3-6	ITCM				
	Customer service support	1-6	CSMG	Methods and tools	3-6	METL				
Administrator, Cloud Service	Measurement	3-6	MEAS							
Desk Analyst, Cloud Service	Incident management	2-5	USUP							
Level Management	Problem management	3-5	PBMG							
Specialist, Cloud Service Operations Consultant	Application support	2-5	ASUP							
operations consultant	Knowledge management	2-7	KNOW							
	Stakeholder relationship management	4-7	RLMT							
	Security operations	1-6	SCAD							
	Service acceptance	4-6	SEAC							
	Service level management	2-7	SLMO							
	Supplier management	2-7	SUPP							

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Cloud Service managen	nent role family									
Role: Cloud Service strategy and architecture practitioners	Roles for architecting and designing the operates its services and ensuring alignmand plans.	Roles for architecting and designing the different elements that make up how and organisation manages and operates its services and ensuring alignment with corporate strategies, business goals and technology strategies and plans.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:						
Service Architect, Service Designer, Service Introduction Manager, Service Tooling Architect, Service Modeler, Service Process Manager	Availability management	4-6	AVMT	Business situation analysis	3-6	BUSA				
	Capacity management	4-6	CPMG	Quality management	3-7	QUMG				
	Portfolio management	5-7	POMG	Organisational capability development	5-7	OCDV				
	Service catalogue management	3-5	SCMG	Strategic planning	5-7	ITSP				
	Portfolio, programme and project support	2-6	PROF	Business intelligence	2-5	BINT				
	Requirements definition and management	2-6	REQM	Application support	2-5	ASUP				
	Service level management	2-7	SLMO	Business modelling	2-6	BSMO				
	Business process improvement	5-7	BPRE	Organisational change management	3-6	CIPM				
	Enterprise and business architecture	5-7	STPL	Emerging technology monitoring	4-6	EMRG				
	Methods and tools	3-6	METL	Innovation	5-7	INOV				
	Stakeholder relationship management	4-7	RLMT	Specialist advice	4-6	TECH				
	Service acceptance	4-6	SEAC							
	Solution architecture	4-6	ARCH							

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Cloud Software engineering role family									
Role: Cloud Software engineering practitioners	Roles applying engineering principles sp environments.	ecifical	ly to the	development and maintenance of softw	are in clo	oud			
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud Software Engineer,	Programming/software development	2-6	PROG	Application support	2-5	ASUP			
Cloud Software Developer, Cloud Software Architect, Cloud Software Build Engineer, Cloud Software Release Engineer	Real-time/embedded systems development	2-6	RESD	Measurement Methods and tools	3-6 3-6	MEAS METL			
	Safety engineering	3-6	SFEN	Quality assurance	3-6	QUAS			
	Requirements definition and management	2-6	REQM	Systems design	3-6	DESN			
Release Engineer	Software design	2-6	SWDN	Systems design	3 0	223.1			
	Configuration management	2-6	CFMG						
	Systems integration and build	2-6	SINT						
	Testing	1-6	TEST						

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Cloud Technology infrastructure platform role family									
Role: Cloud Infrastructure engineers	Roles that design, deploy, and manage requirements.	les that design, deploy, and manage cloud infrastructure ensuring it meets current and evolving business quirements.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud Infrastructure Engineer, Cloud Network Engineer, Cloud Systems Engineer, Cloud Storage Engineer, Cloud Virtualization Engineer, Cloud Infrastructure Architect, Cloud Infrastructure Specialist	IT infrastructure System software Systems integration and build Testing Network design Network support Storage management Systems installation and removal	1-5 3-5 2-6 1-6 3-6 2-5 3-6 1-5	ITOP SYSP SINT TEST NTDS NTAS STMG HSIN	Systems design Facilities management Configuration management	3-6 3-6 2-6	DESN DCMA CFMG			

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Cloud Technology infrastructure platform role family									
Role: Cloud Infrastructure platform management practitioners	Roles dedicated to the strategic managinfrastructure services.	oles dedicated to the strategic management of cloud platforms, ensuring robust, scalable and secure frastructure services.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Cloud Platform Manager, Cloud Services Manager, Cloud Operations Manager, Cloud Platform Architect, Cloud Platform Engineer, Cloud Platform Administrator, Cloud Platform Specialist	Technology service management IT infrastructure Demand management Service level management Contract management Supplier management	5-7 1-5 5-6 2-7 3-6 2-7	ITMG ITOP DEMM SLMO ITCM SUPP	Systems and software life cycle engineering Facilities management Continuity management	4-7 3-6 2-6	SLEN DCMA COPL			

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Cloud Testing role family									
Role: Cloud Testing practice management	Roles directing the strategies and practices for testing cloud services and infrastructure.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Testing Practice Leader, Head of Testing, Head of QA	Performance management	4-6	PEMT	Supplier management	2-7	SUPP			
	Employee experience	4-6	EEXP	Demand management	5-6	DEMM			
and Testing	Resourcing	3-6	RESC	Competency assessment	3-6	LEDA			
	Professional development	4-6	PDSV	Learning design and development	3-5	TMCR			
	Knowledge management	2-7	KNOW	Quality management	3-7	QUMG			
	Organisational capability development	5-7	OCDV						
	Stakeholder relationship management	4-7	RLMT						

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Cloud Testing role family								
Role: Cloud Testing practitioners	Roles focused on validating the perform rigorous testing protocols.	nance ar	nd securi	ty of cloud-based applications and infras	tructure	through		
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:				
Cloud Test Engineer, Cloud Quality Assurance (QA) Engineer, Cloud Performance Test Engineer, Cloud Security Test Engineer, Cloud Automation Test Engineer, Cloud Test Analyst, Cloud Testing Specialist	Testing Quality assurance Acceptance testing Methods and tools User experience evaluation	1-6 3-6 2-6 3-6 2-6	TEST QUAS BPTS METL USEV	Penetration testing Risk management Specialist advice	3-6 3-7 4-6	PENT BURM TECH		

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Digital product development, sales and marketing role family									
Role: Digital practitioners	Roles responsible for developing, marketing, selling and supporting digital products.								
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:					
Digital Product Manager,	Product management	3-6	PROD	Stakeholder relationship management	4-7	RLMT			
Digital Marketer, Digital Sales Support Analysts, Business Development Manager, Sales Manager, Sales Support Manager	Marketing	2-6	MKTG	Contract management	3-6	ITCM			
	Selling	3-6	SALE	Supplier management	2-7	SUPP			
	Sales support	1-6	SSUP						
	Content authoring	1-6	INCA						
	Content publishing	1-6	ICPM						

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Finance and Procurement								
Role: Technology finance practitioners	Roles responsible for managing and delivering financial leadership, management and operational support for technology organisations							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:				
Finance Manager, Finance Business Partner, Finance Analyst, Technology Management Accountant, Technology procurement practitioners, FinOps Analyst	Financial management Investment Appraisal	4-6 4-6	FMIT INVA	Benefits management	5-6	BENM		

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- Take some time to learn about SFIA and clarify what you are trying to achieve and the outcomes you want from skills profiles. Do not use these without tailoring for your own use.
- Your organisation's priorities and context will drive the skills and competency levels required.
- For example larger organisations may have specialised jobs/roles where smaller organisations may combine several roles into one job.
- You should review and understand the SFIA levels to determine the relevant competency levels for your own jobs/roles.
- You can use the levels to create graduated career steps of increasing responsibility and impact. You should use your own role/job titles and where needed your prefixes for seniority.
- If you can't find what you are looking for try the SFIA views, the full framework view or the A to Z list.
- Do not include too many SFIA skills per role 5 to 7 skills is a pragmatic number to provide focus. Many roles need fewer.



Finance and Procurement								
Role: Technology finance practitioners	Roles managing the financial aspects of strategic decisions.	of cloud t	echnolo	gy investments, budgeting, and forecasting	ng to sup	port		
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:				
Finance Manager, Finance Business Partner, Finance Analyst, Technology Management Accountant, Technology procurement practitioners, FinOps Analyst	Financial management Investment Appraisal	4-6 4-6	FMIT INVA	Benefits management	5-6	BENM		

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Finance and Procurement								
Role: Technology procurement practitioners	Roles responsible for managing and delivering procurement leadership, management and operational surfor technology organisations.							
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:				
Head of Procurement, Contract Manager, Contract Analyst, Vendor Manager, Commercial Manager, Supplier Analyst, Commercial Analyst	Sourcing Supplier management Contract management	2-7 2-7 3-6	SORC SUPP ITCM	Benefits management	5-6	BENM		

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Project delivery role family										
Role: Project delivery practice management	Roles responsible for leading, managing, developing and deploying project delivery professionals and project delivery capabilities.									
Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:						
Project Delivery Practice Leader, Head of Project	Resourcing	3-6	RESC	Competency assessment	3-6	LEDA				
	Professional development	4-6	PDSV	Demand management	5-6	DEMM				
Delivery, Head of Project & Programme Management	Performance management	4-6	PEMT	Learning design and development	3-5	TMCR				
riogiailine management	Organisational capability development	5-7	OCDV	Quality management	3-7	QUMG				
	Employee experience	4-6	EEXP	Supplier management	2-7	SUPP				
	Knowledge management	2-7	KNOW							
	Stakeholder relationship management	4-7	RLMT							

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PRMG	es and portfolios. Other SFIA skills and levels to consider:		
	Demand management	5-6	DEMM
PGMG	Financial management	4-6	FMIT
POMG	Organisational change management	3-6	CIPM
PROF	Information systems coordination	6-7	ISCO
RLMT	Investment appraisal	4-6	INVA
BENM	Measurement	3-6	MEAS
	Methods and tools	3-6	METL
_	PGMG POMG PROF RLMT	PGMG Financial management POMG Organisational change management PROF Information systems coordination RLMT Investment appraisal BENM Measurement	PGMG Financial management 4-6 POMG Organisational change management 3-6 PROF Information systems coordination 6-7 RLMT Investment appraisal 4-6 BENM Measurement 3-6

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