A selection of 31 illustrative SFIA skills profiles for "the Cloud"

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

March 2025

SFIA 9 - illustrative skills profiles

Generic mappings of SFIA 9 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 SFIA framework 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 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.
- 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

   o 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

   o 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

Table of Contents

Agile delivery role family

Role: Agile change agents	Roles responsible for developing, implementing, supporting, guiding, nurturing and improving agile working practices.

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	2-6	BUSA	Methods and tools	2-6	METL
	Organisation design and implementation	3-7	ORDI	Knowledge management	2-7	KNOW
	Organisational facilitation	4-6	OFCL	Organisational change management	2-6	CIPM
	Stakeholder relationship management	4-7	RLMT	Organisational change enablement	4-6	OCEN
	Innovation management	5-7	INOV			
	Organisational capability development	5-7	OCDV			
	Employee experience	4-6	EEXP			
	Measurement	2-6	MEAS			
	Learning delivery	2-5	ETDL			
	Consultancy	4-7	CNSL			

The SFIA framework also defines workplace skills/behavioural factors which complement technical skills. This holistic approach emphasises that success in cybersecurity-related roles requires more than technical expertise, it also depends on navigating complex business environments and motivating others to achieve shared goals.

SFIA's behavioural factors include collaboration, communication, creativity, decision-making, a digital mindset, leadership, learning and development, planning, problem-solving, adaptability, an improvement mindset, and security, privacy, and ethics.

The specific workplace skills/behavioural factors and levels needed will depend on your organisation's priorities and context.

Notes:
- The skill names in the table above are live hyperlinks to the full SFIA skill description. The numbers indicate the range of levels of responsibility available for each skill.
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- 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.

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 Owner, Release Train Engineer	Product management	2-6	PROD	Risk management	2-7	BURM
	Delivery management	3-6	DEMG	Demand management	4-6	DEMM
	Stakeholder relationship management	4-7	RLMT	Information systems coordination	6-7	ISCO
	Requirements definition and management	2-6	REQM	Solution architecture	4-6	ARCH
	Business situation analysis	2-6	BUSA	Release management	2-6	RELM
	Feasibility assessment	2-6	FEAS	Market research	3-6	MRCH
	Customer experience	2-6	CEXP	Selling	3-6	SALE
	Measurement	2-6	MEAS	User research	2-6	URCH
	Business process improvement	2-7	BPRE	Deployment	2-6	DEPL
	Innovation management	5-7	INOV			

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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:

Business Analysis Practice Leader, Business Analysis Manager, Head of Business Analysis

Look at these SFIA skills and levels first:

Skill	Level	Code
Professional development	4-6	PDSV
Resourcing	2-6	RESC
Performance management	4-6	PEMT
Stakeholder relationship management	4-7	RLMT
Employee experience	4-6	EEXP
Knowledge management	2-7	KNOW
Organisational capability development	5-7	OCDV

Other SFIA skills and levels to consider:

Skill	Level	Code
Competency assessment	2-6	LEDA
Demand management	4-6	DEMM
Learning design and development	2-5	TMCR
Quality management	2-7	QUMG
Supplier management	2-7	SUPP

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Business analysis role family

Role: Business analysis practitioners	Roles responsible for investigating operational issues, problems and new opportunities. Finding effective business solutions through improvements in aspects of business operations and business systems.

Example Job Titles:

Business Analyst, Junior
Business Analyst, Lead Business
Analyst, Principal Business
Analyst, Business Systems
Analyst, Requirements analyst

Look at these SFIA skills and levels first:

Skill	Levels	Code
Business situation analysis	2-6	BUSA
Feasibility assessment	2-6	FEAS
Requirements definition and management	2-6	REQM
User acceptance testing	2-6	BPTS
Data modelling and design	2-5	DTAN
Business process improvement	2-7	BPRE
Methods and tools	2-6	METL
Business modelling	2-6	BSMO
Stakeholder relationship management	4-7	RLMT

Other SFIA skills and levels to consider:

Skill	Levels	Code
Demand management	4-6	DEMM
Benefits management	3-6	BENM
Organisational change management	2-6	CIPM
User experience analysis	2-5	UNAN
Product management	2-6	PROD
Enterprise and business architecture	5-7	STPL
Innovation management	5-7	INOV
Organisational capability development	5-7	OCDV
Consultancy	4-7	CNSL
Strategic planning	4-7	ITSP

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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 secure to enhance organisational cloud capabilities.

Example Job Titles:

Cloud Application Developer, Cloud Software Engineer, Cloud-Native Developer, Cloud Application Architect, Cloud Full-Stack Developer, Cloud Microservices Developer, Cloud-Based Application Specialist

Look at these SFIA skills and levels first:

Programming/software development	2-6	PROG
User experience design	2-6	HCEV
Functional testing	1-6	TEST

Other SFIA skills and levels to consider:

Software configuration	2-6	PORT
Systems integration and build	2-6	SINT
Non-functional testing	1-6	NFTS
Deployment	2-6	DEPL

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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:			Other SFIA skills and levels to consider:		
Platform Owner, Application Owner, Platform Manager, Head of Platform Engineering	Application support	2-5	ASUP	Demand management	4-6	DEMM
	Release management	2-6	RELM	Service level management	2-7	SLMO
	Deployment	2-6	DEPL	Systems and software lifecycle engineering	3-7	SLEN
	Stakeholder relationship management	4-7	RLMT	Methods and tools	2-6	METL
	Supplier management	2-7	SUPP	Emerging technology monitoring	4-6	EMRG
	Systems development management	4-7	DLMG	Configuration management	2-6	CFMG
				Contract management	2-7	ITCM

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Cloud Architecture role family

Role: Cloud Architecture practice management	Roles responsible for leading and managing teams in the design and implementation of cloud architecture solutions, ensuring the adoption of best practices in cloud environments.

Example Job Titles:

Architecture Practice Leader, Head of Enterprise Architecture, Head of Solutions Architecture, Chief Architect

Look at these SFIA skills and levels first:

Performance management	4-6	PEMT
Employee experience	4-6	EEXP
Resourcing	2-6	RESC
Professional development	4-6	PDSV
Knowledge management	2-7	KNOW
Organisational capability development	5-7	OCDV

Other SFIA skills and levels to consider:

Demand management	4-6	DEMM
Supplier management	2-7	SUPP
Competency assessment	2-6	LEDA
Learning design and development	2-5	TMCR
Quality management	2-7	QUMG

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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:

Enterprise Architect, Lead Enterprise Architect, Chief Enterprise Architect, Data Architect, Infrastructure Architect, Innovation Architect, Business Architect, Strategy Architect, Security architect, Cloud architect

Look at these SFIA skills and levels first:

Enterprise and business architecture	5-7	STPL
Requirements definition and management	2-6	REQM
Strategic planning	4-7	ITSP
Methods and tools	2-6	METL
Data management	2-6	DATM
Infrastructure design	2-6	IFDN
Network design	2-6	NTDS
Governance	6-7	GOVN
Business situation analysis	2-6	BUSA

Other SFIA skills and levels to consider:

Demand management	4-6	DEMM
Information systems coordination	6-7	ISCO
Information security	2-7	SCTY
Business process improvement	2-7	BPRE
Feasibility assessment	2-6	FEAS
Emerging technology monitoring	4-6	EMRG
Innovation management	5-7	INOV
Organisational capability development	5-7	OCDV
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 and execution of cloud solutions that meet project objectives and are in line with cloud architectural standards.

Example Job Titles:

Cloud Solution Architect, Cloud Technical Solution Architect, Cloud Application Solution Architect, Cloud Data Solution Architect, Cloud Security Solution Architect, Cloud Integration Solution Architect, Cloud Migration Solution Architect

Look at these SFIA skills and levels first:

Solution architecture	4-6	ARCH
Systems design	2-6	DESN
Requirements definition and management	2-6	REQM
Data management	2-6	DATM
Data modelling and design	2-5	DTAN
Network design	2-6	NTDS
Database design	2-5	DBDS
Specialist advice	4-6	TECH
Methods and tools	2-6	METL

Other SFIA skills and levels to consider:

Business situation analysis	2-6	BUSA
Software design	2-6	SWDN
Business modelling	2-6	BSMO
Demand management	4-6	DEMM
Emerging technology monitoring	4-6	EMRG
Information security	2-7	SCTY
Business process improvement	2-7	BPRE
Consultancy	4-7	CNSL

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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	2-6	DENG	Non-functional testing	1-6	NFTS
	Data management	2-6	DATM	Software design	2-6	SWDN
	Requirements definition and management	2-6	REQM	Solution architecture	4-6	ARCH
	Programming/software development	2-6	PROG			
	Data modelling and design	2-5	DTAN			
	Database design	2-5	DBDS			
	Systems integration and build	2-6	SINT			
	Functional testing	1-6	TEST			

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Cloud Data and analytics role family

Role: Cloud Data operations practitioners	Roles centred on managing and automating cloud data systems, ensuring the integrity and availability of data in cloud environments.

Example Job Titles:

Cloud Data Operations Engineer, Cloud Data Operations Specialist, Cloud Data Operations Analyst, Cloud Data Operations Administrator, Cloud Data Operations Manager, Cloud Data Operations Architect, Cloud Data Operations Consultant

Look at these SFIA skills and levels first:

Skill	Level	Code
Infrastructure operations	1-5	ITOP
Database administration	2-5	DBAD
Configuration management	2-6	CFMG
Change control	2-6	CHMG
Systems integration and build	2-6	SINT
Release management	2-6	RELM
Deployment	2-6	DEPL

Other SFIA skills and levels to consider:

Skill	Level	Code
Incident management	1-6	USUP
Problem management	2-5	PBMG
Technology service management	5-7	ITMG
Functional testing	1-6	TEST
Non-functional testing	1-6	NFTS

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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 Predictive Analytics Specialist, Cloud Data Mining Expert, Cloud Business Intelligence Analyst	Data science	2-6	DATS	Data engineering	2-6	DENG
	Data management	2-6	DATM	Innovation management	5-7	INOV
	Data visualisation	2-5	VISL	Methods and tools	2-6	METL
	Programming/software development	2-6	PROG	Formal research	2-6	RSCH
	Machine learning	2-6	MLNG	Emerging technology monitoring	4-6	EMRG
	Data modelling and design	2-5	DTAN	Measurement	2-6	MEAS
				Information systems coordination	6-7	ISCO

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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:

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

Look at these SFIA skills and levels first:

Skill	Level	Code
Systems and software lifecycle engineering	3-7	SLEN
Programming/software development	2-6	PROG
Requirements definition and management	2-6	REQM
Configuration management	2-6	CFMG
Systems integration and build	2-6	SINT
Release management	2-6	RELM
Deployment	2-6	DEPL
Functional testing	1-6	TEST
Infrastructure operations	1-5	ITOP
Change control	2-6	CHMG

Other SFIA skills and levels to consider:

Skill	Level	Code
Database administration	2-5	DBAD
Incident management	1-6	USUP
Problem management	2-5	PBMG
Software design	2-6	SWDN
Vulnerability assessment	2-5	VUAS
Non-functional testing	1-6	NFTS
User experience evaluation	2-6	USEV

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Cloud Experience design role family

Role: Cloud Service design practitioners	Roles responsible for the conceptualisation and design of cloud service experiences across various user touchpoints.

Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:		
Cloud Service Designer, Cloud User Experience (UX) Designer, Cloud User Interface (UI) Designer, Cloud Interaction Designer, Cloud Information Architect, Cloud Service Design Consultant, Cloud Service Design Specialist	Business situation analysis	2-6	BUSA	Innovation management	5-7	INOV
	Feasibility assessment	2-6	FEAS	Methods and tools	2-6	METL
	Requirements definition and management	2-6	REQM	Product management	2-6	PROD
	Business process improvement	2-7	BPRE	Strategic planning	4-7	ITSP
	Emerging technology monitoring	4-6	EMRG	User research	2-6	URCH
	User experience analysis	2-5	UNAN	Business modelling	2-6	BSMO
	User experience design	2-6	HCEV	Consultancy	4-7	CNSL
	Customer experience	2-6	CEXP	Organisational capability development	5-7	OCDV
	User experience evaluation	2-6	USEV	Enterprise and business architecture	5-7	STPL
				Benefits management	3-6	BENM

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SFIA FOUNDATION

Cloud Information and cyber security role family

Role: Cloud Incident management practitioners	Roles focused on the prompt resolution of cloud security incidents and ensuring minimal disruption to cloud 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 Resolution Engineer, Cloud Incident Management Consultant, Cloud Incident Management Administrator	Incident management	1-6	USUP	Continuity management	2-6	COPL
	Security operations	1-6	SCAD	Information security	2-7	SCTY
	Identity and access management	1-6	IAMT	Functional testing	1-6	TEST
	Digital forensics	2-6	DGFS	Non-functional testing	1-6	NFTS
				Supplier management	2-7	SUPP
				Stakeholder relationship management	4-7	RLMT
				Methods and tools	2-6	METL
				Business intelligence	2-5	BINT

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SFIA FOUNDATION

Cloud Information and cyber security role family

Role: Cloud Security operations	Roles that manage the daily operation of cloud security policies and measures, actively monitoring for and responding to threats within cloud frameworks.

Example Job Titles:

Cloud Security Operations Engineer, Cloud Security Analyst, Cloud Security Administrator, Cloud Security Specialist, Cloud Security Incident Responder, Cloud Security Operations Center (SOC) Analyst, Cloud Security Operations Manager

Look at these SFIA skills and levels first:

Skill	Level	Code
Security operations	1-6	SCAD
Identity and access management	1-6	IAMT
Infrastructure operations	1-5	ITOP
Incident management	1-6	USUP
Network support	1-5	NTAS
System software administration	2-5	SYSP
Information security	2-7	SCTY
Asset management	2-6	ASMG
Supplier management	2-7	SUPP
Technology service management	5-7	ITMG

Other SFIA skills and levels to consider:

Skill	Level	Code
Measurement	2-6	MEAS
Specialist advice	4-6	TECH
Knowledge management	2-7	KNOW
Software configuration	2-6	PORT
Systems installation and removal	1-5	HSIN
Problem management	2-5	PBMG
Facilities management	2-6	DCMA
Stakeholder relationship management	4-7	RLMT
Risk management	2-7	BURM
Penetration testing	2-6	PENT

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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 leadership, strategy and management	Information assurance	2-7	INAS	Consultancy	4-7	CNSL
	Risk management	2-7	BURM	Measurement	2-6	MEAS
	Non-functional testing	1-6	NFTS			
	Functional testing	1-6	TEST			
	Audit	2-7	AUDT			

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SFIA FOUNDATION

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 security analyst, Cyber security manager, Cyber security governance manager, Cyber security analyst	Information security	2-7	SCTY	Organisational capability development	5-7	OCDV
	Governance	6-7	GOVN	Enterprise and business architecture	5-7	STPL
	Risk management	2-7	BURM	Measurement	2-6	MEAS
	Information management	3-7	IRMG			
	Information assurance	2-7	INAS			
	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 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 Administrator, Cloud Service Desk Analyst, Cloud Service Level Management Specialist, Cloud Service Operations Consultant	Asset management	2-6	ASMG	Measurement	2-6	MEAS
	Change control	2-6	CHMG	Application support	2-5	ASUP
	Configuration management	2-6	CFMG	Knowledge management	2-7	KNOW
	Customer service support	1-6	CSMG	Security operations	1-6	SCAD
	Incident management	1-6	USUP	Business intelligence	2-5	BINT
	Problem management	2-5	PBMG	Business situation analysis	2-6	BUSA
	Stakeholder relationship management	4-7	RLMT	Contract management	2-7	ITCM
	Service acceptance	3-6	SEAC	Methods and tools	2-6	METL
	Service level management	2-7	SLMO			
	Supplier management	2-7	SUPP			

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SFIA FOUNDATION

Cloud Service management role family

Role: Cloud Service strategy and architecture practitioners

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:

Service Architect, Service Designer, Service Introduction Manager, Service Tooling Architect, Service Modeler, Service Process Manager

Look at these SFIA skills and levels first:

Skill	Level	Code
Availability management	3-6	AVMT
Capacity management	2-6	CPMG
Portfolio management	5-7	POMG
Service catalogue management	2-5	SCMG
Requirements definition and management	2-6	REQM
Service level management	2-7	SLMO
Business process improvement	2-7	BPRE
Enterprise and business architecture	5-7	STPL
Stakeholder relationship management	4-7	RLMT
Solution architecture	4-6	ARCH

Other SFIA skills and levels to consider:

Skill	Level	Code
Service acceptance	3-6	SEAC
Business situation analysis	2-6	BUSA
Quality management	2-7	QUMG
Organisational capability development	5-7	OCDV
Strategic planning	4-7	ITSP
Business intelligence	2-5	BINT
Application support	2-5	ASUP
Business modelling	2-6	BSMO
Organisational change management	2-6	CIPM
Emerging technology monitoring	4-6	EMRG

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Cloud Software engineering role family

Role: Cloud Software engineering practice management	n-f

Example Job Titles:

Engineering Manager, Senior Engineering Manager, Director of Engineering, Senior Director of Engineering, VP of Engineering, Senior VP of Engineering

Look at these SFIA skills and levels first:

Skill	Level	Code
Systems development management	4-7	DLMG
Project management	4-7	PRMG
Organisational capability development	5-7	OCDV
Resourcing	2-6	RESC
Performance management	4-6	PEMT
Employee experience	4-6	EEXP
Professional development	4-6	PDSV
Knowledge management	2-7	KNOW
Stakeholder relationship management	4-7	RLMT

Other SFIA skills and levels to consider:

Skill	Level	Code
Quality management	2-7	QUMG
Safety assessment	4-6	SFAS
Measurement	2-6	MEAS
Quality assurance	2-6	QUAS
Demand management	4-6	DEMM
Learning design and development	2-5	TMCR
Competency assessment	2-6	LEDA

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SFIA FOUNDATION

Cloud Software engineering role family

Role: Cloud Software engineering practitioners	Roles applying engineering principles specifically to the development and maintenance of software in cloud environments.	

Example Job Titles:

Cloud Software Engineer, Cloud Software Developer, Cloud Software Architect, Cloud Software Build Engineer, Cloud Software Release Engineer

Look at these SFIA skills and levels first:

Programming/software development	2-6	PROG
Real-time/embedded systems development	2-6	RESD
Safety engineering	2-6	SFEN
Requirements definition and management	2-6	REQM
Software design	2-6	SWDN
Configuration management	2-6	CFMG
Systems integration and build	2-6	SINT
Functional testing	1-6	TEST

Other SFIA skills and levels to consider:

Application support	2-5	ASUP
Measurement	2-6	MEAS
Methods and tools	2-6	METL
Quality assurance	2-6	QUAS
Systems design	2-6	DESN

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SFIA FOUNDATION

Cloud Technology infrastructure platform role family

Role: Cloud Infrastructure engineers	Roles that design, deploy, and manage cloud infrastructure ensuring it meets current and evolving business requirements.

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	Infrastructure design	2-6	IFDN	Systems installation and removal	1-5	HSIN
	Infrastructure operations	1-5	ITOP	Systems design	2-6	DESN
	System software administration	2-5	SYSP	Facilities management	2-6	DCMA
	Systems integration and build	2-6	SINT	Capacity management	2-6	CPMG
	Functional testing	1-6	TEST	Availability management	3-6	AVMT
	Non-functional testing	1-6	NFTS	Configuration management	2-6	CFMG
	Network design	2-6	NTDS			
	Network support	1-5	NTAS			
	Storage management	2-6	STMG			

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IIIII SFIA
FOUNDATION

Cloud Technology infrastructure platform role family

Role: Cloud Infrastructure platform management practitioners	Roles dedicated to the strategic management of cloud platforms, ensuring robust, scalable and secure infrastructure 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	5-7	ITMG	Systems and software lifecycle engineering	3-7	SLEN
	Infrastructure operations	1-5	ITOP	Facilities management	2-6	DCMA
	Demand management	4-6	DEMM	Continuity management	2-6	COPL
	Service level management	2-7	SLMO			
	Contract management	2-7	ITCM			
	Supplier management	2-7	SUPP			

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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 and Testing	Performance management	4-6	PEMT	Supplier management	2-7	SUPP
	Employee experience	4-6	EEXP	Demand management	4-6	DEMM
	Resourcing	2-6	RESC	Competency assessment	2-6	LEDA
	Professional development	4-6	PDSV	Learning design and development	2-5	TMCR
	Knowledge management	2-7	KNOW	Quality management	2-7	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 performance and security of cloud-based applications and infrastructure through rigorous testing protocols.

Example Job Titles:

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

Look at these SFIA skills and levels first:

Functional testing	1-6	TEST
Non-functional testing	1-6	NFTS
Quality assurance	2-6	QUAS
Process testing	1-6	PRTS
Methods and tools	2-6	METL
User experience evaluation	2-6	USEV

Other SFIA skills and levels to consider:

Penetration testing	2-6	PENT
Risk management	2-7	BURM
Programming/software development	2-6	PROG
Specialist advice	4-6	TECH

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Digital product development, sales and marketing role family

Role: Digital marketing practitioners	Roles responsible for planning and executing digital marketing campaigns across various channels. Includes analysing performance metrics, refining strategies, and managing digital tools to drive lead generation and brand awareness. Involves collaboration with content creators and designers to deliver targeted, engaging content.

Example Job Titles:	Look at these SFIA skills and levels first:			Other SFIA skills and levels to consider:		
Digital marketing specialist, SEO analyst, Social media manager, Email marketing coordinator	Digital marketing	2-5	DIGM	Content design and authoring	1-6	INCA
	Product management	2-6	PROD	Content publishing	1-6	ICPM
	Market research	3-6	MRCH	Data analytics	2-7	DAAN
	Customer experience	2-6	CEXP			
	Customer engagement and loyalty	3-6	CELO			
	Brand management	4-6	BRMG			
	Marketing campaign management	3-5	MKCM			
	Marketing management	4-7	MKTG			

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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:

Finance Manager, Finance Business Partner, Finance Analyst, Technology Management Accountant, Technology procurement practitioners, FinOps Analyst

Look at these SFIA skills and levels first:

Skill	Levels	Code
Financial management	4-6	FMIT
Investment appraisal	4-6	INVA
Stakeholder relationship management	4-7	RLMT
Budgeting and forecasting	2-6	BUDF
Cost management	2-6	COMG
Financial analysis	2-6	FIAN

Other SFIA skills and levels to consider:

Skill	Levels	Code
Demand management	4-6	DEMM
Business intelligence	2-5	BINT
Measurement	2-6	MEAS
Benefits management	3-6	BENM

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SFIA
FOUNDATION

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Role: Technology procurement practitioners	Roles responsible for managing and delivering procurement 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:		
Head of Procurement, Contract Manager, Contract Analyst, Vendor Manager, Commercial Manager, Supplier Analyst, Commercial Analyst	Sourcing	2-7	SORC	Benefits management	3-6	BENM
	Supplier management	2-7	SUPP	Investment appraisal	4-6	INVA
	Contract management	2-7	ITCM	Financial analysis	2-6	FIAN

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SFIA FOUNDATION

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 Delivery, Head of Project & Programme Management	Resourcing	2-6	RESC	Competency assessment	2-6	LEDA
	Professional development	4-6	PDSV	Demand management	4-6	DEMM
	Performance management	4-6	PEMT	Learning design and development	2-5	TMCR
	Organisational capability development	5-7	OCDV	Quality management	2-7	QUMG
	Employee experience	4-6	EEXP	Supplier management	2-7	SUPP
	Knowledge management	2-7	KNOW			
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IIIII SFIA
FOUNDATION

Project delivery role family

Role: Project delivery practitioners	Roles responsible for the delivery of projects, programmes and portfolios.

Example Job Titles:

Programme Manager, Programme Director, Portfolio Manager, Project Manager, Project Analyst, Project Office Manager, Project Office Analyst

Look at these SFIA skills and levels first:

Skill	Levels	Code
Project management	4-7	PRMG
Programme management	6-7	PGMG
Portfolio management	5-7	POMG
Portfolio, programme and project support	2-6	PROF
Stakeholder relationship management	4-7	RLMT
Benefits management	3-6	BENM
Delivery management	3-6	DEMG

Other SFIA skills and levels to consider:

Skill	Levels	Code
Demand management	4-6	DEMM
Financial management	4-6	FMIT
Organisational change management	2-6	CIPM
Information systems coordination	6-7	ISCO
Investment appraisal	4-6	INVA
Measurement	2-6	MEAS
Methods and tools	2-6	METL

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