Sky SRE Level 1 Learning Roadmap

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Programme Overview

Corporate Vision is to Support the strategy to move to cloud technologies and methodologies and enable better global compatibility across all Comcast companies

Baseline Capability

Enable a broad SRE baseline capability and mindset for SRE's and SRE Managers, over which staff can overlay their current/legacy specialisms

Enable future professional growth beyond the formal training programme

Confidence in new ways of Working

Senior SRE – Give confidence, knowledge, and tools for staff to create, define and deploy products using infrastructure-as-code with an agile-oriented mindset

SRE – Give confidence, knowledge, and tools to infrastructure staff to deploy and support all things using infrastructure-as-code way with an agile-oriented mindset

Programme Outline

Module 1 – SRE Principles

SRE Foundation (DOICSREFD) - Launch Event

DOICSREFD, Certified DevOps Site Reliability Engineering (SRE) Foundation – classroom 2-day course

ITIL4F, ITIL(R) 4 Foundation Certificate in IT Service Management – digital, self-paced

Module 2 – Fundamentals Cloud, Agile & DevOps

QAICAAF, ICAgile - Agile Fundamentals – classroom, 2-day course

AWS Fundamentals Pathway – digital, self-paced

Google Cloud Platform Fundamentals – digital, self-paced

Module 3 – SRE in Practise Part 1

QADEVSECOPS, DevSecOps – classroom, 2-day course

Jira Essentials for Agile Teams – digital, self-paced

QAJENKINS, Continuous Integration and Continuous Delivery (CI CD) with Jenkins – classroom, 1-day course

Jenkins CI/CD – Advanced – digital, self-paced

Module 4 – Infrastructure

Linux Fundamentals – digital, self-paced

Linux Shell Scripting – digital, self-paced

QALXSA2, Linux System Administration – classroom, 5-day course

OR:

QAWS22ISC, Installation, Storage and Compute with Windows Server 2022 – classroom, 5-day course

PowerShell Byte – digital, self-paced

Module 5 – Development

Learning GIT First-hand Pathway – digital, self-paced

Python: Introduction to Unit – digital, self-paced

JavaScript for Beginners – digital, self-paced

NodeJS – digital, self-paced

Advanced JavaScript – digital, self-paced

Module 6 - Database

SQL Fundamentals – digital, self-paced

Module 7 – Cloud AWS or Google

AMWSSEC, Security Engineering on AWS – classroom, 1-day course

AWS Security, Identity and Compliance – digital, self-paced