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Oracle Communications Applications Learning Subscription

The Oracle Communications Applications Learning Subscription provides dedicated access to an extensive range of training resources, delivered through Oracle University. Each subscription provides unlimited access to all training resources focused on Oracle Communications Applications.

Oracle Communications Applications

Oracle Communications applications is a complete portfolio of products and solutions across monetization and operations, enabling customers to evolve their network and grow their revenue. The Oracle Communications Applications Learning Subscription is a collection of web-based learning materials, including video content and services, that empowers customers and partners to develop and deliver solutions faster, at lower cost, and with reduced risk. Content is produced by experienced individuals, including Oracle architects, enablement managers, consultants and instructors.
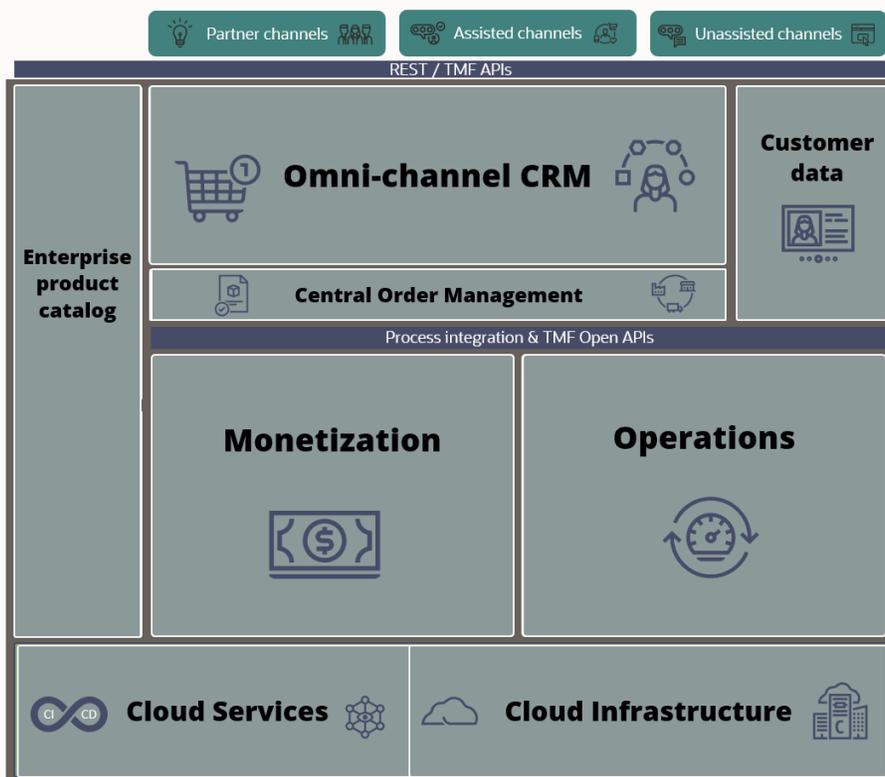
Digital Business Experience

Image 1. The functions comprising the Oracle Digital Business Experience solution.

Key Benefits

The Oracle Communications Applications Learning Subscription provides Oracle customers and partners dedicated access to an extensive range of training resources.

- **On-Demand format.** Courses are available in an on-demand format through Oracle University, giving students the flexibility to choose when to complete their training.

- **Evolving Content.** The learning subscription is continoulsy evolving, with new courses being added on a regular basis, available in the learning subscription at no additional cost.

- **Hands-on Labs.** Get practical exposure to our products with hands-on labs, enabling students with access to their private dedicated OCI-based training environment.

- **Ask The Instructor.** Students can utilize the Oracle University "Ask the Instructor" feature, if they require more information about a specific topic, or need support with a lab.

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For telcos that want to be techcos, Oracle Digital Business Experience is an end-to-end, digital business support system (BSS) for managing experiences and revenue at every stage of the customer journey. Oracle Digital Business Experience is the only pre-integrated, productized solution that enables CSPs to achieve a single customer view and automate process flows across concept-to-cash-to-care.

Digital Business Experience courses

Oracle Digital Business Experience provides a commercial and billing product catalog, configure-price-quote (CPQ) and order capture, customer relationship management (CRM) powered by the Siebel engine, central order management, and monetization capabilities. In these courses, you will learn how all of these functions are delivered, configured and operated by the products and components of the solution.

COURSE TITLE	SUMMARY	TIME TO ALLOCATE [1]
Launch Cloud Service Overview	Launch Cloud Service is Oracle's design-time Fusion SaaS application. Launch is a commercial catalog offering for products and services. It has rich modeling features, is business-persona focused and is based on TMF-open standards. In this course you will be introduced to Launch, its design principles and the main features.	~1 hour
Launch Cloud Service Basic Implementation	This course is designed for Users, Partners, System Implementers and System Administrators. You will learn how to set up Launch Cloud Service and use it to configure product offerings.	0.5 day
Launch Cloud Service Advanced Implementation	This course is designed for Users, Partners, System Implementers/Integrators, Extension Specialists and Administrators. Learn how to configure rules, publish, import and export catalogs, and extend and integrate Launch with other applications in your ecosystem.	0.5 day

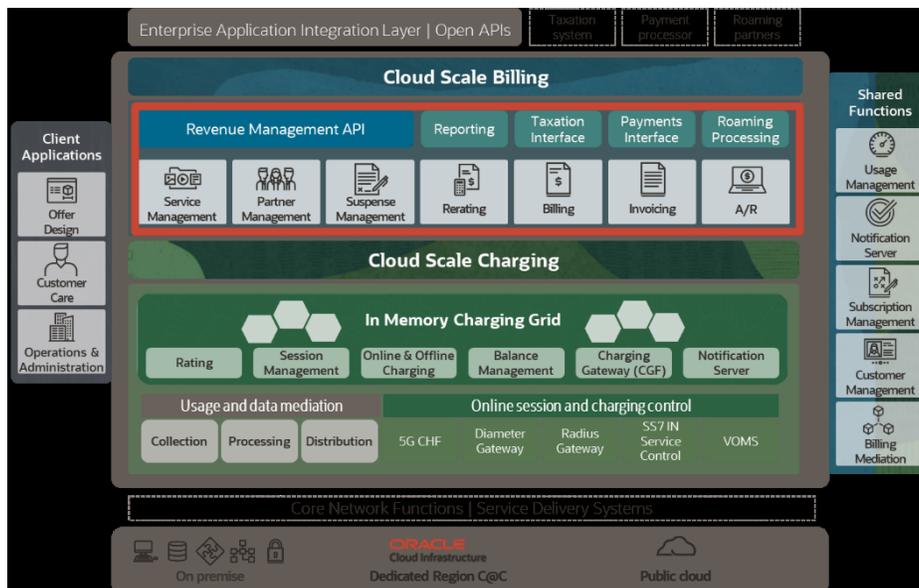## Cloud Scale Monetization

Image 2. Key functions provided by BRM within Oracle's Cloud Scale Charging and Billing solution.

Learn how to bring 5G and digital service offerings to life by capitalizing on network slicing, IoT, and multiparty business models. Our cloud scale monetization training offerings show how you can monetize anything at any scale with a converged charging system (CCS) integrated with billing and TM Forum Open APIs.

Monetization courses

In these courses you gain an understanding of the features and functions of Oracle's monetization suite, centralized on the Billing and Revenue Management (BRM) product. We start with a functional and technical overview of BRM and the other main solution components, and then in further courses (most with hands-on labs) we cover end-user, implementation, development and administration aspects. You will also learn how BRM can be deployed into a Cloud Native Kubernetes-based environment.

| COURSE TITLE	SUMMARY	TIME TO ALLOCATE [1]
BRM Functional Overview	An overview of the features and functions of Oracle's converged charging solution, centred on Oracle Communications Billing and Revenue Management (BRM).	1 day
BRM Technical Overview	Learn about the BRM architecture and data model, the different configuration files, the configuration data flow, pricing and usage data and an overview of BRM APIs.	0.5 day
Offline Mediation Controller Overview	Learn about the functions, features and architecture of OCOMC and how OCOMC can be integrated with the BRM Elastic Charging Engine for rating of offline usage records.	~2 hours
Implementing Cloud Native BRM	BRM provides a cloud native deployment option, supporting Kubernetes-orchestrated containerized components to facilitate CI/CD and DevOps practices. Learn how to deploy, configure, customize and operate cloud native BRM.	3 days (with labs)
BRM Pricing and Rating	The BRM Pricing and Rating course guides you through different pricing setup workflows using dedicated techniques and tools, such as Pricing Design Center. Learn how to configure products and discount offerings with different charging schemes. Simulate 4G and 5G service usage scenarios and rate events and subscriptions.	3 days (with labs)
BRM PCM API Development	The PCM API Development course teaches a number of different customization options. Learn how to customize and extend the BRM data model using a sample business scenario for a webhosting service.	3 days (with labs)
BRM REST API Introduction	Learn about the principles of REST API and understand BRM REST integration options. Practical exercises guide you through typical use cases of BRM REST APIs. Learn also how to manage REST API requests and how to apply basic troubleshooting techniques.	2.5 days (with labs)
BRM Elastic Charging Engine Development	Learn about the available customization options for 4G/5G charging workflows and extension points, through a series of activities performed in a cloud native environment.	5 days (with labs)
Implementing Convergent Charging Controller	Oracle Communications Convergent Charging Controller (OC3C) is a key component in Oracle's convergent charging solution. Learn about key capabilities, including core network integration, integration with BRM, voucher management, configuration, testing and troubleshooting.	5 days (with labs)

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Unified Operations
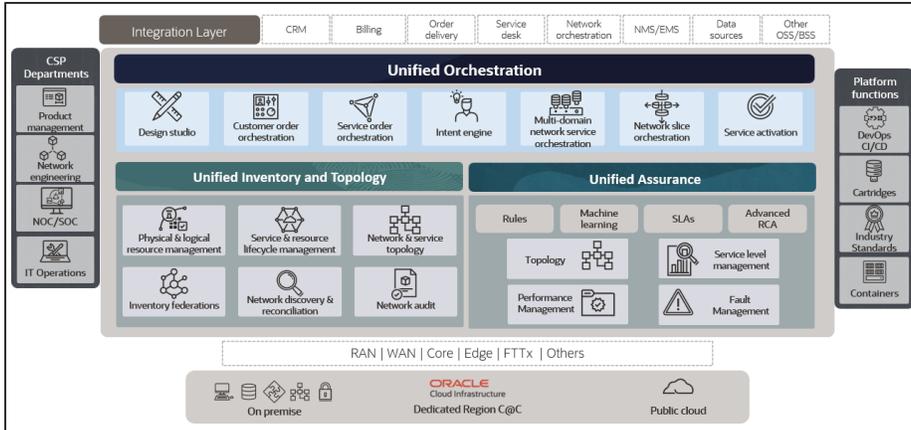
Image 3. Oracle Communications Unified Operations for the 5G era.

Automate the design, delivery, and lifecycle management of fixed, pre-5G, and 5G-era mobile and digital services delivered over physical and cloud-based networks. Increase service agility, reduce OpEx, and manage complexity with closed-loop automation. Oracle's Unified Operations suite comprises three solutions - Unified Orchestration, Unified Assurance, and Unified Inventory & Topology. The Unified Operations suite also includes an integrated design environment called Oracle Communications Service Catalog and Design. Service Catalog and Design is an application agnostic TeleManagement Forum Open Digital Architecture (TMF ODA) aligned service and resource catalog driving end-to-end solutions. Its primary focus is to have a low code design environment for configuration of the orchestration, inventory and assurance solutions and products.

Unified Orchestration courses

Accelerate time to revenue for fixed, pre-5G, and 5G-era mobile and digital services. Our orchestration training shows how you can automate the design, creation, and end-to-end intent-driven service orchestration across multiple physical, network cloud, and software-defined networking domains. Learn about the products and solutions which comprise Oracle's Unified Orchestration solution, including Order and Service Management (OSM).

COURSE TITLE	SUMMARY	TIME TO ALLOCATE [1]
Order and Service Management (OSM) Overview	OSM is a key component of Oracle's "Concept to Cash" solutions which enable service providers and CSPs to design and manage the fulfilment of customer orders for both traditional and digital services throughout their entire lifecycle. This course includes an overview of the OSM solution, including system architecture. You will also learn about order orchestration.	~1 hour
Order and Service Management (OSM) Developer	Using the orchestration task web client, Design Studio and the Task UI, learn how to manage order changes, modify, extend and deploy cartridges, interact with orders, manage fallout and order changes, and understand the concepts of Point of No Return and Follow-On Orders.	5 days (with labs)

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Unified Assurance courses

Deploy an end-to-end service assurance solution with automated root cause analysis using event correlation, machine learning and topology. Learn how to deploy Unified Assurance as an overlay platform to unify monitoring across existing assurance tools, or as a standalone assurance solution. Gain an understanding of the full product set, including role-based courses for Administrators, Users and Developers, as well as courses covering specific functionality, such as CAPE and Microservices.

COURSE TITLE	SUMMARY	TIME TO ALLOCATE [1]
Unified Assurance User	Learn about Unified Assurance, covering some of the industry challenges that Unified Assurance addresses. Learn also how to interact with Unified Assurance for fault, performance, topology and service management.	~2 hours
Unified Assurance Admin	Learn how to install and administer Unified Assurance, including device recovery, fault and performance management and troubleshooting.	5 days (with labs)
Unified Assurance API	Learn how to use the Unified Assurance REST API to configure and read data from the application. Topics covered include JSON, REST API Structure, troubleshooting and best practices.	0.5 day
Unified Assurance Custom Action Policy Engine	Custom Action Policy Engine (CAPE) is a policy-based, multi-threaded correlation engine. Learn how to complete custom tasks via automation.	2 days (with labs)
Unified Assurance Event List Tools	This course will teach you what out-of-the-box 'SQL' and 'View' tools are available and explain how they work in detail. The course will also teach you how to customise the out-of-the-box tools or create your own.	2 days (with labs)
Microservice Fundamentals	Learn about the Microservices components, as well as installation and troubleshooting.	2 days (with labs)
Microservice UI	Learn how to install and test the Microservice Trap Event Pipeline via the UI and how to check the status of your MicroService cluster.	1 day (with labs)
Unified Assurance Flow Analytics Fundamentals	Flow Analytics collects, analyzes and provides real-time visibility into network bandwidth consumption. This course covers installation and includes a comprehensive breakdown of available dashboards.	~2 hours

Unified Inventory and Topology courses

Oracle's real-time active inventory and topology solution provides a "single pane of glass" view of network resources and services in a unified and federated way. Combined with network discovery and reconciliation, the solution enables automation of the fulfillment, assurance, and orchestration of fixed, pre-5G, and 5G-era mobile and digital services. Learn more about the products and solutions which comprise Oracle's Unified Inventory and Topology solution, including Unified Inventory Management (UIM) and Network Integrity (NI).

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COURSE TITLE	SUMMARY	TIME TO ALLOCATE [1]
Unified Inventory Management (UIM) Overview	UIM is a standards-based telecommunications inventory management application that enables you to model and manage customers, services, and resources. In this course, you will learn about UIM and its core functionalities and benefits.	~1 hour
Unified Inventory Management (UIM) User	This training course delves into using the UIM UI to manage inventories. The course covers basic entity management, life cycle management, connectivity, service configurations and engineering work orders.	2 days (with labs)
Unified Inventory Management (UIM) Developer	Learn how to customize UIM for automation and web service interaction, and how to model the solution using cartridges. Create an automation to import devices, using the SFWS to provision a service, interact with the REST API for entity management, and create a custom web service.	3 days (with labs)
Unified Inventory Management (UIM) Administrator	The administrator course teaches the actions needed to manage, backup, tune and maintain the UIM environment. This will also involve a practical example of how to set user permissions to different user groups.	~1 day (with labs)
Network Integrity (NI) Overview	Network Integrity enables network operators to compare their live network resources with the inventory tracked in their network inventory system. This overview course describes the architecture, NI models, the various APIs and the structure of the NI cartridges	~1 hour
Network Integrity (NI) Cartridges	Learn about the different types of Network Integrity cartridges and their dependencies, components, mappings and Service Catalog and Design extensions.	0.5 day
Network Integrity (NI) Admin	This course guides Network Integrity system administrators through various admin-related tasks, including cartridge deployment, specifications, model collections and Discovery actions and processors.	~2 hours
Network Integrity (NI) Developer	Learn about Network Integrity from the perspective of a Developer. Understand the various actions and processes that make up Network Integrity(NI). You aill also earn about cartridge development planning, actions and processors, OAS reports and how to use localization.	~2 hours

Service Catalog and Design courses

You use Service Catalog and Design (SCD) to design the run-time behavior of Oracle Communications applications, such as Order and Service Management (OSM) and Unified Inventory Management (UIM). Service Catalog and Design enables you to create and use solutions quickly by providing a consistent design experience.

COURSE TITLE	SUMMARY	TIME TO ALLOCATE [1]
Service Catalog and Design: Getting Started	Learn how Oracle has divided the tasks necessary to create a total solution into four groups, and create a persona for each group of tasks. Learn about the functional architecture and workflow of SCD, and where it fits into a Unified Operations solution.	~1 hour
SCD: Service Catalog Administrator	Learn how to use SCD initiatives to manage the end-to-end workflow when creating customer offerings. You will also learn how to use domains to ease that process.	~1 hour

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SCD: Service Domain Specialist	Learn how to create Customer Facing Services using design components created by other design team specialists, including Resource Facing Services, resources and locations.	~1 hour
SCD: Network Domain Specialist	This course is designed for individuals who create conceptual models of networks using domain-specific technologies such as 5G and Mobile. Learn how to create models of networks that can be reused by Service Domain Specialists to create new customer offerings.	~1 hour
SCD: Inventory Specialist	This course is designed for individuals responsible for Data Elements, Feature Groups, and Resource Specifications in Service Catalog and Design.	~1 hour
SCD: UIM Developer	Learn how to use Service Catalog and Design to create Customer Facing Services and Resource Facing Services, manage specifications, implement Advanced Policies, create and manage Data Elements and Feature Groups, and publish Initiatives.	~2 hours

Delivery Options

All courses are available in an on-demand recorded format through Oracle University. To explore alternative delivery options, including LVC (Live Virtual Class) or in-class with an instructor, please contact an Oracle University or Communications sales representative.

Summary

The Oracle Communications Applications Learning Subscription is a subscription service providing named user access to a collection of web based learning materials, including video content and services focused on Oracle Communications applications products and solutions across monetization, orchestration and assurance.

This learning subscription is made available to you subject to the terms of your order and the Agreement. Unauthorized individuals may not view subscription content at any time. You are responsible for meeting the minimum system requirements to order the subscription offerings. Subscription orders are non-cancelable and non-refundable. This service does not make any content available for download by users.

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