

## Cloud Learning Catalog

For the latest version of this catalog, go to <http://ibm.biz/CloudEducationResources>.

This catalog lists the Cloud digital learning courses. These courses are in Web-Based Training (WBT), Self-Paced Virtual Classroom (SPVC), and Microlearning formats.

A subscription is a fixed-price service, valid for a set period (such as 12 months). It provides an access code to a container of Cloud training content hosted on IBM's Digital Learning Platform.

Web-Based Training (WBT) courses provide lecture material in text or graphic form, sometimes including audio narration and recorded demonstrations.

Free WBT courses are web-based courses that you can attend without using one of the tokens you receive with your subscription. **You can take a Free WBT at any time, not just during the subscription time period.** Click the course code to enter a course.

Self-Paced Virtual Classroom (SPVC) courses include material as described in the WBT course above, plus hands-on exercises using IBM software. Students have 168 hours of access to a hosted lab environment over a 31-day period to allow ample time to complete the class. The time period starts when the student launches the lab within the course. When the 168 hour / 31-day period is over, students are unable to access that lab environment.

Microlearning courses are very short, lab-based courses. You use an SPVC token to enroll in these courses. All other rules for SPVCs apply.

Some courses support Cloud Paks as indicated:

- CP4I: Cloud Pak for Integration
- CP4Auto: Cloud Pak for Automation
- CP4App: Cloud Pak for Application
- CP4MCM: Cloud Pak for Multicloud Management

Learning Packages are designed to drive adoption by empowering your users to be successful and self-sufficient. For more details contact us at [treed1@us.ibm.com](mailto:treed1@us.ibm.com) or [CloudIntegrationEdu@uk.ibm.com](mailto:CloudIntegrationEdu@uk.ibm.com).

Segment	Cloud Pak	Course Code	Course Title	Type
IBM Garage Method			<a href="#">Explore the Garage Method for Cloud</a>	Free WBT
			<a href="#">Become a Garage Method for Cloud advocate</a>	Free WBT
			<a href="#">Test-driven development</a>	Free WBT
			<a href="#">Get started with agile development and continuous delivery</a>	Free WBT
			<a href="#">Get started with application monitoring</a>	Free WBT
			<a href="#">Get started with analytics to learn how people use your app</a>	Free WBT
Architecture			<a href="#">Containers and Docker</a>	Free WBT
			<a href="#">Kubernetes 101</a>	Free WBT
			<a href="#">Get started with Helm to configure and manage Kubernetes charts</a>	Free WBT
			<a href="#">Explore application modernization</a>	Free WBT
			<a href="#">Advanced networking for IBM Cloud VPC</a>	Free WBT
			<a href="#">Explore Cloud Service Management and Operations</a>	Free WBT
			<a href="#">Become a Cloud Service Management and Operations advocate</a>	Free WBT
			<a href="#">Become a ChatOps advocate</a>	Free WBT
Application Platform		<a href="#">DL09000G</a>	JVM Problem Determination, Garbage Collection and Tools	Free WBT
		<a href="#">DL09001G</a>	IBM WebSphere Application Server Migration Toolkit V9	Free WBT
		<a href="#">DL09002G</a>	Out of Memory Problem Determination	Free WBT
		<a href="#">DL09010G</a>	How To: Access your docker container file system	Free WBT
		<a href="#">DL09011G</a>	How To: Mount a host file or folder into your docker container	Free WBT
		<a href="#">DL09012G</a>	How To: Create and mount Docker data volumes	Free WBT
		<a href="#">DL09013G</a>	How To: Share volumes between containers	Free WBT
		<a href="#">DL09014G</a>	How To: Docker - Mapping Container Ports	Free WBT

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Application Platform		<a href="#">DL09015G</a>	How To: Docker - Mapping Container Ports to Specific Host Ports	Free WBT
		<a href="#">DL09200G</a>	DataPower on Docker: A Quick Introduction	Free WBT
		<a href="#">DL09500G</a>	Containers and Kubemetes: Fundamentals	Free WBT
		<a href="#">DL09501G</a>	Helm Fundamentals	Free WBT
	CP4App	<a href="#">MC09002G</a>	Lab: Liberty JSP and Application Security	Microlearn
	CP4App	<a href="#">MC09003G</a>	Lab: Liberty Migration Toolkit	Microlearn
	CP4App	<a href="#">MC09004G</a>	Lab: JDBC on Liberty	Microlearn
	CP4App	<a href="#">MC09005G</a>	Lab: JMS and MOB	Microlearn
	CP4App	<a href="#">MC09006G</a>	Lab: Liberty Extension and Custom User Registry	Microlearn
	CP4App	<a href="#">MC09007G</a>	Lab: WebCache	Microlearn
	CP4App	<a href="#">MC09008G</a>	Lab: WebSockets	Microlearn
	CP4App	<a href="#">MC09009G</a>	Lab: JAXWS Web Service	Microlearn
	CP4App	<a href="#">MC09010G</a>	Lab: Java Batch	Microlearn
	CP4App	<a href="#">MC09011G</a>	Lab: Managing Liberty Collective with Admin Center	Microlearn
	CP4App	<a href="#">MC09012G</a>	Lab: Using IBM HTTP Server with SSL to a Liberty Server	Microlearn
	CP4App	<a href="#">MC09013G</a>	Lab: Creating a Merged Web Server Plug-in Configuration File for Liberty	Microlearn
	CP4App	<a href="#">MC09014G</a>	Lab: Using Dynamic Routing for Collective Members	Microlearn
	CP4App	<a href="#">MC09015G</a>	Lab: Auto-Scaling	Microlearn
	CP4App	<a href="#">MC09016G</a>	Lab: Monitoring	Microlearn
	CP4App	<a href="#">MC09017G</a>	Lab: Creating a Static Cluster of Liberty Servers	Microlearn
	CP4App	<a href="#">MC09018G</a>	Lab: Running Liberty as a Windows Service	Microlearn
	CP4App	<a href="#">MC09021G</a>	Lab: Liberty API Discovery	Microlearn
	CP4App	<a href="#">MC09022G</a>	Lab: Hello Docker!!	Microlearn
	CP4App	<a href="#">MC09023G</a>	Lab: Embeddable Runtime	Microlearn
	CP4App	<a href="#">VW013G</a> <a href="#">BADGE</a> <a href="#">BADGE</a> <a href="#">BADGE</a>	IBM Cloud Pak for Applications - Self-Paced Technical Exploration <i>IBM Cloud Pak for Applications - Developer</i> <i>IBM Cloud Pak for Applications - Architect</i> <i>IBM Cloud Pak for Applications - Administrator</i>	WBT <i>Free Badge</i> <i>Free Badge</i> <i>Free Badge</i>
	CP4App	<a href="#">VW590G</a>	IBM WebSphere Application Server V9 Installation	WBT
	CP4App	<a href="#">ZA590G</a>	WebSphere Application Server V9 Administration	SPVC
	CP4App	<a href="#">ZA599G</a>	WebSphere Application Server V9 Administration in a Federated Environment	SPVC
	CP4App	<a href="#">ZA855G</a>	WebSphere Application Server V8.5.5 Administration	SPVC
	CP4App	<a href="#">ZQ410G</a>	Design Application Deployment with IBM UrbanCode Deploy	SPVC
	CP4App	<a href="#">ZQ411G</a>	Design and Deploy Full-Stack Cloud Environments with IBM UrbanCode Deploy	SPVC
Integration	CP4I	<a href="#">DL09151G</a>	IBM App Connect Enterprise and REST APIs	Free WBT
	CP4I	<a href="#">DL09152G</a>	IBM App Connect Enterprise V11 Essentials	Free WBT
	CP4I	<a href="#">DL09698G</a>	Java EE Application Modernization	Free WBT
	CP4I	<a href="#">DL10001G</a>	Viewing Analytics in IBM API Connect	Free WBT
	CP4I	<a href="#">VY102G</a>	Developing REST APIs with Node.js	WBT
	CP4I	<a href="#">ZD013G</a>	IBM App Connect Enterprise V11 Essentials (with lab)	SPVC
		<a href="#">ZD107G</a>	Deploying Event-Driven Applications with IBM Event Streams on IBM Cloud Private	SPVC
	CP4I	<a href="#">ZD509G</a>	API Lifecycle Governance with IBM API Connect v2018	SPVC
	CP4I	<a href="#">ZD514G</a>	Create, Secure, and Publish APIs with IBM API Connect v2018	SPVC
	CP4I	<a href="#">ZE550G</a>	IBM App Connect Professional	SPVC
	CP4I	<a href="#">ZE751G</a>	Essentials of Service Development for IBM DataPower Gateway V7.5	SPVC
	CP4I	<a href="#">ZE752G</a>	Supporting REST and JOSE in IBM DataPower Gateway V7.5	SPVC

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Integration	CP4I	<a href="#">ZE753G</a>	AAA, OAuth, and OIDC in IBM DataPower V7.5	SPVC
	CP4I	<a href="#">ZE754G</a>	Web Services Support in IBM DataPower V7.5	SPVC
	CP4I	<a href="#">ZE761G</a>	DataPower Gateway v7.6 Administration	SPVC
	CP4I	<a href="#">ZM003G</a>	IBM MQ V9 Managed File Transfer Concepts, Use, and Administration	SPVC
	CP4I	<a href="#">ZM051G</a>	IBM MQ Appliance Overview for IBM MQ Administrators	SPVC
	CP4I	<a href="#">ZM103G</a>	Technical Introduction to IBM MQ	SPVC
	CP4I	<a href="#">ZM153G</a>	IBM MQ V9 System Administration (using Windows for labs)	SPVC
	CP4I	<a href="#">ZM156G</a>	<b>New</b> IBM MQ V9.1 System Administration	SPVC
	CP4I	<a href="#">ZM213G</a>	IBM MQ V9 Advanced System Administration (Distributed)	SPVC
	CP4I	<a href="#">ZM513G</a>	IBM MQ V9 Application Development (Windows Labs)	SPVC
	CP4I	<a href="#">ZM646G</a>	IBM Integration Bus V10 System Administration	SPVC
	CP4I	<a href="#">ZM666G</a>	IBM Integration Bus V10 Application Development I	SPVC
	CP4I	<a href="#">ZM668G</a>	IBM App Connect Enterprise V11 Application Development	SPVC
	CP4I	<a href="#">ZM676G</a>	IBM Integration Bus V10 Application Development II	SPVC
	CP4I	<a href="#">ZT011G</a>	IBM Aspera High-Speed Transfer Server Administration	SPVC
Digital Business Automation	CP4Auto	<a href="#">DL09400G</a>	Getting Started with IBM Decision Composer	Free WBT
		<a href="#">MC09032G</a>	Lab: IBM RPA with Automation Anywhere and BPM Lab: Integrating a Bot with Business Process Manager	Microlearn
		<a href="#">ZB030G</a>	IBM Blueworks Live Account Administration	SPVC
		<a href="#">ZB031G</a>	Process Discovery and Modeling in IBM Blueworks Live	SPVC
	CP4Auto	<a href="#">ZB318G</a> <a href="#">BADGE</a>	IBM Cloud Pak for Automation, Installation and Administration <i>IBM Cloud Pak for Automation, Installation and Administration</i>	SPVC Free Badge
	CP4Auto	<a href="#">ZB395G</a>	Developing Rule Solutions in IBM Operational Decision Manager V8.8	SPVC
	CP4Auto	<a href="#">ZB399G</a>	Developing Solutions with IBM Decision Server Insights V8.8	SPVC
	CP4Auto	<a href="#">ZB400G</a> <a href="#">BADGE</a>	Developing Rule Solutions in IBM Operational Decision Manager V8.9 <i>IBM Operational Decision Manager Standard V8.9 Developer</i>	SPVC Free Badge
	CP4Auto	<a href="#">ZB401G</a> <a href="#">BADGE</a>	Managing Decisions in IBM Operational Decision Manager V8.9 <i>IBM Operational Decision Manager Standard V8.9 Business Analyst</i>	SPVC Free Badge
	CP4Auto	<a href="#">ZB402G</a> <a href="#">BADGE</a>	Developing Rule Solutions in IBM Operational Decision Manager V8.9.2 <i>IBM Operational Decision Manager Standard V8.9.2 Developer</i>	SPVC Free Badge
	CP4Auto	<a href="#">ZB403G</a>	Developing Solutions with IBM Decision Server Insights V8.10	SPVC
	CP4Auto	<a href="#">ZB404G</a> <a href="#">BADGE</a>	Developing Rule Solutions in IBM Operational Decision Manager V8.10 <i>IBM Operational Decision Manager V8.10 Developer</i>	SPVC Free Badge
		<a href="#">ZB502G</a> <a href="#">BADGE</a>	Automating Tasks Using IBM Robotic Process Automation with Automation Anywhere <i>Automating Tasks Using IBM Robotic Process Automation with Automation Anywhere V11</i>	SPVC Free Badge
	CP4Auto	<a href="#">ZB821G</a>	Administration of IBM Business Process Manager Standard V8.5.6	SPVC
	CP4Auto	<a href="#">ZB825G</a>	Business Analysis for Agile BPM Process Transformation	SPVC
	CP4Auto	<a href="#">ZB827G</a>	Process Implementing with IBM Business Process Manager V8.6 – I	SPVC
	CP4Auto	<a href="#">ZB828G</a> <a href="#">BADGE</a>	Developing Workflow Solutions using IBM Business Automation Workflow V19.0.0.1 <i>IBM Business Automation Workflow V19 Developer</i>	SPVC Free Badge
	CP4Auto	<a href="#">ZB868G</a>	IBM Business Process Manager V8.5 Performance and Tuning	SPVC
	CP4Auto	<a href="#">ZB869G</a>	IBM Business Process Manager V8.5 Problem Determination	SPVC
	CP4Auto	<a href="#">ZB871G</a>	Administration of IBM Business Process Manager Advanced V8.5.7	SPVC
	CP4Auto	<a href="#">ZB872G</a>	Developing with Integration Designer in IBM Business Process Manager V8.6	SPVC
		<a href="#">ZB896G</a>	Developing Applications with IBM Business Monitor V8.5.7	SPVC
IT Service Management		<a href="#">DL09006G</a>	Using Agile Service Manager to Understand and Prevent Service Problems	Free WBT
		<a href="#">DL12004G</a>	Customizing IBM Netcool Operations Insight on IBM Cloud Private	Free WBT
		<a href="#">MC09033G</a>	Lab: Work with IBM Cloud Private like a pro	Microlearn

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IT Service Management		<a href="#">MC09034G</a>	Lab: Introduction to Agile Service Manager	Microlearn
		<a href="#">MC09035G</a>	Lab: Event Seasonality Analysis	Microlearn
		<a href="#">MC09036G</a>	Lab: IBM Cloud APM 814 Introduction	Microlearn
		<a href="#">MC09037G</a>	Lab: IBM Cloud Application Performance Management v814 New Features	Microlearn
		<a href="#">TOD27G</a>	IBM Tivoli Netcool OMNibus 8.1 User	SPVC
		<a href="#">TOD30G</a>	IBM Operations Analytics Log Analysis 1.3 Administration	SPVC
		<a href="#">TOD35G</a>	IBM Operations Analytics Log Analysis 1.3.2 – Differences	SPVC
		<a href="#">TOD43G</a>	IBM Netcool Operations Insight 1.4 – Fundamentals	SPVC
		<a href="#">TOD44G</a>	IBM Tivoli Netcool Configuration Manager 6.4.2 Operations and Configuration	SPVC
		<a href="#">TOD45G</a>	IBM Application Performance Management Advanced 8.1.3 Fundamentals (SPVC)	SPVC
		<a href="#">TOD46G</a>	IBM Monitoring 8.1.3 - Implementation and Administration (SPVC)	SPVC
		<a href="#">TOD47G</a>	IBM Control Desk 7.6.0.2 Fundamentals	SPVC
		<a href="#">TOD48G</a>	IBM Agent Builder 6.3.4	SPVC
		<a href="#">TOD50G</a>	IBM Agile Lifecycle Manager Tutorial	SPVC
		<a href="#">TOD51G</a>	IBM Cloud Application Performance Management 8.1.4 Fundamentals	SPVC
		<a href="#">TOD66G</a>	IBM Netcool Operations Insight 1.6 - Implementation and Configuration	SPVC
		<a href="#">TOD67G</a>	<b>New</b> IBM Network Performance Insight 1.3.1 Installation and Configuration	SPVC
	CP4MCM	<a href="#">TOD80G</a>	IBM Cloud Pak for Multicloud Management: Multicloud Manager Administration	SPVC
		<a href="#">TOS38G</a>	IBM SmartCloud Control Desk 7.5 IT Asset Management Fundamentals	SPVC
		<a href="#">TOS57G</a>	IBM Tivoli Monitoring 6.3 Fundamentals	SPVC
		<a href="#">TOS59G</a>	IBM Tivoli Monitoring 6.3 for Implementers	SPVC
		<a href="#">TOS63G</a>	IBM Tivoli Monitoring 6.3 Advanced Administration	SPVC
		<a href="#">TOS68G</a>	IBM SmartCloud Control Desk 7.5.1 Service Request Management Fundamentals	SPVC
Digital Business Automation - Enterprise Content Management	CP4Auto	<a href="#">F122G</a>	IBM Content Navigator 2.0.2 - Plug-ins and External Data Services	SPVC
	CP4Auto	<a href="#">F178G</a>	IBM Enterprise Records 5.1 – Core Skills	SPVC
	CP4Auto	<a href="#">F179G</a>	IBM Enterprise Records 5.1 – System Configuration	SPVC
	CP4Auto	<a href="#">F180G</a>	IBM Enterprise Records 5.1 – System Maintenance	SPVC
	CP4Auto	<a href="#">F181G</a>	IBM Enterprise Records 5.1 – File Plan Design	SPVC
	CP4Auto	<a href="#">F182G</a>	IBM Enterprise Records 5.1 – Automate Declaration	SPVC
	CP4Auto	<a href="#">F217G</a>	IBM Case Manager 5.2 - Customize and Extend the Features	SPVC
	CP4Auto	<a href="#">F230G</a>	IBM Case Foundation 5.2.1 – Introduction	SPVC
	CP4Auto	<a href="#">F231G</a>	IBM Case Foundation 5.2.1 - Configure the workflow system	SPVC
	CP4Auto	<a href="#">F232G</a>	IBM Case Foundation 5.2.1 – Security	SPVC
	CP4Auto	<a href="#">F233G</a>	IBM Case Foundation 5.2.1 - Maintain the Workflow System	SPVC
	CP4Auto	<a href="#">F234G</a>	IBM Case Foundation 5.2.1 - Manage Work in Progress	SPVC
	CP4Auto	<a href="#">F236G</a>	IBM Case Foundation 5.2.1 - Component integration	SPVC
	CP4Auto	<a href="#">F237G</a>	IBM Case Foundation 5.2.1 - Workflow application deployment	SPVC
	CP4Auto	<a href="#">F239G</a>	IBM Case Foundation 5.2.1 - Workflow Design Essentials	SPVC
	CP4Auto	<a href="#">F240G</a>	IBM Case Foundation 5.2.1 - Routing Work	SPVC
	CP4Auto	<a href="#">F241G</a>	IBM Case Foundation 5.2.1: Control Workflow Progress	SPVC
	CP4Auto	<a href="#">F243G</a>	IBM Case Foundation 5.2.1: External Communication	SPVC
	CP4Auto	<a href="#">F250G</a>	IBM Datacap 9.0.1: Mobile	WBT
	CP4Auto	<a href="#">F251G</a>	IBM Datacap 9.0.1 – Introduction	SPVC
	CP4Auto	<a href="#">F252G</a>	IBM Datacap 9.0.1: FastDoc Local Mode	SPVC
	CP4Auto	<a href="#">F253G</a>	IBM Datacap 9.0.1: FastDoc Server Mode	SPVC

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Digital Business Automation - Enterprise Content Management	CP4Auto	<a href="#">F254G</a>	IBM Datacap 9.0.1 FastDoc Multi-Page Document	SPVC
	CP4Auto	<a href="#">F255G</a>	IBM Datacap 9.0.1: Datacap Studio	SPVC
	CP4Auto	<a href="#">F256G</a>	IBM Datacap 9.0.1 - Datacap Configuration	SPVC
	CP4Auto	<a href="#">F257G</a>	IBM Datacap 9.0.1 - Datacap Navigator Configuration	SPVC
	CP4Auto	<a href="#">F258G</a>	IBM Datacap 9.0.1 – Administration	SPVC
	CP4Auto	<a href="#">F272G</a>	IBM Content Navigator 2.0.3.6 - Box Integration	WBT
	CP4Auto	<a href="#">F280G</a>	IBM FileNet Content Manager 5.2.1 – Introduction	SPVC
	CP4Auto	<a href="#">F281G</a>	IBM FileNet Content Manager 5.2.1 - Build a FileNet Content Repository	SPVC
	CP4Auto	<a href="#">F282G</a>	IBM FileNet Content Manager 5.2.1 - Work with Object Metadata	SPVC
	CP4Auto	<a href="#">F283G</a>	IBM FileNet Content Manager 5.2.1 – Security	SPVC
	CP4Auto	<a href="#">F284G</a>	IBM FileNet Content Manager 5.2.1 - Optimize Search Performance	SPVC
	CP4Auto	<a href="#">F285G</a>	IBM FileNet Content Manager 5.2.1 - Migrate Applications	SPVC
	CP4Auto	<a href="#">F286G</a>	IBM FileNet Content Manager 5.2.1: Manage Sweep Jobs	SPVC
	CP4Auto	<a href="#">F287G</a>	IBM FileNet Content Manager 5.2.1: Auditing and Logging	SPVC
	CP4Auto	<a href="#">F288G</a>	IBM FileNet Content Manager 5.2.1: Administration	SPVC
	CP4Auto	<a href="#">F2809G</a>	IBM FileNet P8 Platform: Essentials (V5.5.x)	SPVC
	CP4Auto	<a href="#">F2819G</a> <a href="#">BADGE</a>	IBM FileNet P8 Platform Administration (V5.5.x) <i>IBM FileNet P8 Platform V5.5x - Administration</i>	SPVC <i>Free Badge</i>
	CP4Auto	<a href="#">F2909G</a>	IBM Case Manager Essentials (V5.3.2) SPVC	SPVC
	CP4Auto	<a href="#">F2919G</a>	Build an IBM Case Manager Solution (V5.3.2) SPVC	SPVC
	CP4Auto	<a href="#">F2929G</a>	IBM Case Manager: Configure Security (v5.3.2) SPVC	SPVC
	CP4Auto	<a href="#">F2939G</a>	IBM Case Manager: Solution Deployment from Design to Production (V5.3.2) SPVC	SPVC
	CP4Auto	<a href="#">F2949G</a>	Customize the IBM Case Manager Client User Interface (V5.3.2) SPVC	SPVC
	CP4Auto	<a href="#">ZF261G</a>	IBM Datacap 9.0.1: Application Builder	SPVC
	CP4Auto	<a href="#">ZF262G</a>	IBM Datacap 9.0.1: Configuration and Administration	SPVC
	CP4Auto	<a href="#">ZF270G</a> <a href="#">BADGE</a>	IBM Content Navigator 3.0.6: Administration <i>IBM Content Navigator 3.0.6: Administration</i>	SPVC <i>Free Badge</i>
	CP4Auto	<a href="#">ZMB02G</a>	Intelligent Extraction Using the Datacap Accelerator	SPVC