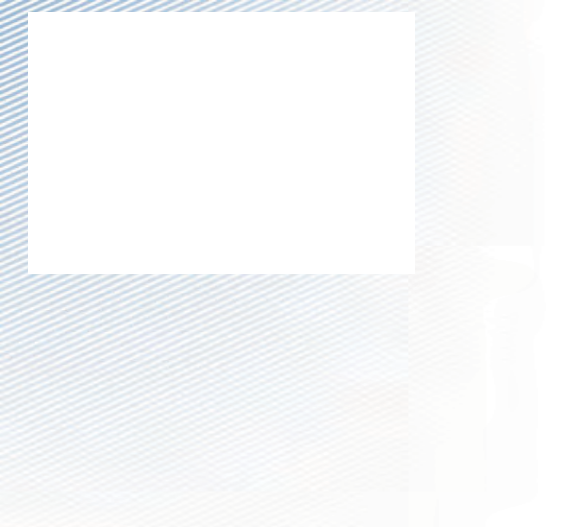
**About this course**



**IBM UrbanCode Deploy 6.2: DevOps**

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Use IBM® UrbanCode® Deploy to standardize and simplify the process of deploying software components to each environment in your development cycle. This is a basic course for new users of IBM UrbanCode Deploy, such as configurators, users, producers, and administrators. In this course, you learn how to configure IBM UrbanCode Deploy for the deployment of a pet store application to two different environments. You create resources and versioned components, configure the environments, and deploy the application. You also create teams and roles and learn the fundamentals of security. Hands-on labs use IBM UrbanCode Deploy in a cloud environment and cover resources, components, applications, deployment, and security.

**Details**

**Delivery method** Classroom or instructor-led online (ILO)

**Course level** ERC 1.0

This course is a new course. **Product and version** IBM UrbanCode Deploy 6.2 **Recommended duration** 1 day

**Skill level** Basic

*Course objectives*



**Course objectives**

* Describe problems that IBM UrbanCode Deploy helps to solve
* Explain the workflow for a basic project
* Explore the user-interface navigation
* Organize and access resources
* Orchestrate deployments to different environments
* Set up the security model
* Troubleshoot deployment problems (administrators only)
* Make use of the extended product functionality (administrators only)

Unit title

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*Course objectives*

# Audience

*Audience*

This course is designed for new users of IBM UrbanCode Deploy, including configurators, users, producers, and administrators.

# Prerequisites

Before taking this course, make sure that you have a basic understanding of client-server architecture and of multitier application models.

# Course description

*Course description*

The course contains the following units:

* 1. Product overview

Use IBM UrbanCode Deploy to standardize and simplify the process of deploying software components to each environment in your development cycle. In this unit, you learn about typical deployment problems, key deployment elements and concepts, the product user interface, deployment topology, and the lab environment.

* 1. Resources

A resource is a logical deployment target that typically resolves to an agent and a user-defined construct that is based on the architectural model of IBM UrbanCode Deploy. In this unit, you learn about the purpose of a resource, resource types, agent communication, properties, tags, and templates.

* 1. Components

Components represent deployable items along with user-defined processes that operate on them, usually by deploying them. In this unit, you learn how to create a component, version, component processes, and a basic component template.

* 1. Applications

Applications are responsible for bringing together all the components that must be deployed together by defining the different versions of each component and defining the different environments that the components must go through on the way to production. In this unit, you learn to create an application and add components, create environments and add resources, create application processes and snapshots.

* 1. Deployments

You run a deployment by running an application process in a target environment. In this unit, you examine and compare environment inventories, and learn to create snapshots, deploy an application to an environment, and run reports.

* 1. Security

IBM UrbanCode Deploy uses a flexible team-based and role-based security model that maps to your organizational structure. In this unit, you learn about authentication and authorization realms, learn to define and configure roles, and set up approvals and notifications.