

WRK2000R: Add CI Builds to your GitHub hosted projects using the power of VSTS



43 Minutes Remaining

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Integrate Your GitHub Projects With Azure DevOps Pipelines

Overview

With the introduction of [Azure DevOps](#), Microsoft is offering developers a new continuous integration/continuous delivery (CI/CD) service called [Azure Pipelines](#) that enables you to continuously build, test, and deploy to any platform or cloud. It has cloud-hosted agents for Linux, macOS, and Windows; powerful workflows with native container support; and flexible deployments to Kubernetes, VMs, and serverless environments.

Azure Pipelines provides unlimited CI/CD minutes and 10 parallel jobs to every GitHub open source project for free. All open source projects run on the same infrastructure that our paying customers use. That means you'll have the same fast performance and high quality of service. Many of the top open source projects are already using Azure Pipelines for CI/CD, such as Atom, CPython, Pipenv, Tox, Visual Studio Code, and TypeScript-and the list is growing every day.

In this lab, you'll see how easy it is to set up Azure Pipelines with your GitHub projects and how you can start seeing benefits immediately.

Objectives

- Install Azure Pipelines from the GitHub Marketplace.
- Integrate a GitHub project with an Azure DevOps pipeline.
- Track pull requests through the pipeline.

Prerequisites

- An Azure DevOps account from <https://dev.azure.com>.
- A GitHub account from <https://github.com>.

Intended Audience

This lab is intended for developers at any experience level.

Exercise 1: Getting started with Azure Pipelines