

# Introduction To Cloud Computing

## LAB 04

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### Task 1: Create a Web App

The screenshot shows the Microsoft Azure App Services dashboard. At the top, there's a search bar and a Copilot button. The main area displays a list of service types: 'Web App', 'Web App + Database', and 'WordPress on App Service'. A message says 'No app services to display' with a note: 'Create, build, deploy, and manage powerful web, mobile, and API apps for employees or customers using a single back-end. Build standards-based web apps and APIs using .NET, Java, Node.js, PHP, and Python.' Below this, there's a 'Showing 1 - 0 of 0. Display count:' dropdown set to 'auto'.

The screenshot shows the 'Create Web App' wizard. The first step, 'Project Details', is visible. It asks for a subscription and resource group. The subscription is set to 'Azure for Students' and the resource group is '(New) RG\_Webapp'. There's also a 'Create new' option. The second step, 'Instance Details', shows the name 'myDockerWebApp112' and a '.azurewebsites.net' suffix. A toggle switch is turned on for 'Secure unique default hostname on'. At the bottom, there are buttons for 'Review + create', '< Previous', and 'Next : Database >'.

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > App Services > Create Web App ...

**Image Source \***

- Quickstart
- Azure Container Registry
- Other container registries

**Docker hub options**

**Access Type \***

- Public
- Private

**Registry server URL \***

**Image and tag \***

**Startup Command**

**Review + create** < Previous Next : Networking >

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > App Services > Create Web App ...

Basics Database Container Networking Monitor + secure Tags **Review + create**

**Summary**

**Web App** by Microsoft **Basic (B1) sku** Estimated price - 13.14 USD/Month

**Basic authentication for this app is currently disabled and may impact deployments.** Click to learn more.

**Details**

Subscription	504b0a3b-5612-41db-b87d-61c0d67009e3
Resource Group	RG_Webapp

Validating... < Previous Next > Download a template for automation

Microsoft Azure Search resources, services, and docs (G+) Copilot

All services > Microsoft.Web-WebApp-Portal-2c303773-8cf7 | Overview

**myDockerWebApp12** Web App

**Overview**

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)
- Resource visualizer
- > Deployment
- > Settings
- > Performance

Add or remove favorites by pressing **Ctrl+Shift+F**

**Essentials**

Resource group (move)	Default domain
RG_Webapp	mydockerwebapp12-d2gg3f0e3cdefd9.centralindia-01.azurewebsites...
Status	App Service Plan
Running	ASP-RGWebapp-9b10 (B1: 1)
Location (move)	Operating System
Central India	Linux
Subscription (move)	Health Check
Azure for Students	Cannot fetch health check data. Please try again later.
Subscription ID	
504b0a3b-5612-41db-b87d-61c0d67009e3	
Tags (edit)	
Add tags	

Properties Monitoring Logs Capabilities Notifications (0) Recommendations

## Task 2: Test the Web App



### Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

*Thank you for using nginx.*

The screenshot shows the Microsoft Azure portal interface for a web app named 'myDockerWebApp112'. The top navigation bar includes 'Microsoft Azure', a search bar, and various icons. The main content area has a breadcrumb path 'Home > myDockerWebApp112'. On the left, there's a sidebar with options like 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'Microsoft Defender for Cloud', 'Events (preview)', 'Resource visualizer', 'Deployment', 'Deployment slots', and 'Deployment Center'. The 'Overview' section contains three charts: 'Http 5xx' (0 errors), 'Data In' (4.3 kB), and 'Data Out' (Error retrieving data). A tooltip suggests using Azure Front Door. At the bottom, there are deployment slot settings and a note about removing favorites.