# Development Environment hands on lab

## Overview

In this lab, you will set up an Azure trial subscription, an Office365 trial subscription, and an Azure-based virtual machine for the development environment for subsequent labs in the DevCamp. To expedite the process, we’ve prepared Windows and Linux images that you will copy into your own environment, start the virtual machine and connect to it. You will then configure the components for Azure development.

## Objectives

In this hands-on lab, you will learn how to:

* Set up an Azure trial subscription
* Set up an Office365 trial subscription
* Create an Azure Virtual Machine for development
* Connect to the Azure Virtual Machine and configure it for development

## Prerequisites

The source for the starter app is located in the HOL\dotnet\modern-cloud-apps\src folder.

The finished project is located in the HOL\dotnet\modern-cloud-apps\end folder.

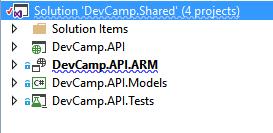
# Exercises

This hands-on-lab has the following exercises:

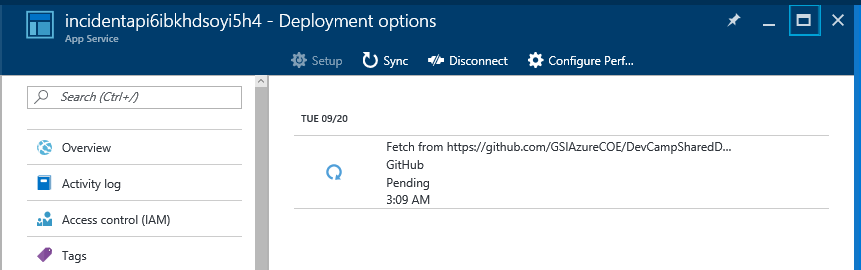
* Exercise 1: Create an Azure Trial Subscription
* Exercise 2: Create an Office 365 Trial Subscription
* Exercise 3: Create an Azure Virtual Machine for development
* Exercise 4: Configure your Virtual Machine for development

## Exercise 1: Create an Azure Trial Subscription

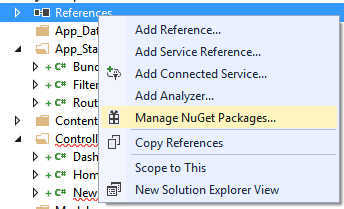
Deploy the webapi to your Azure subscription



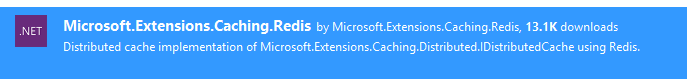
Test with Chrome/postman

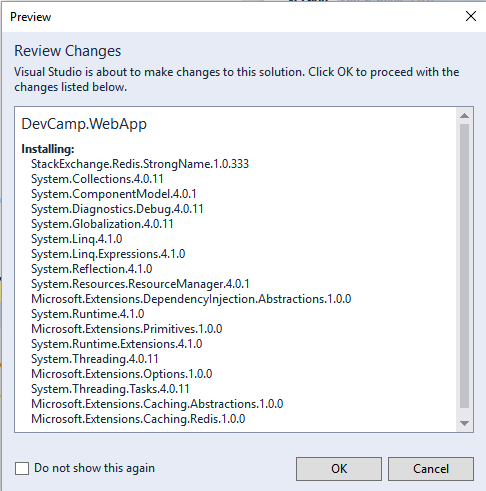


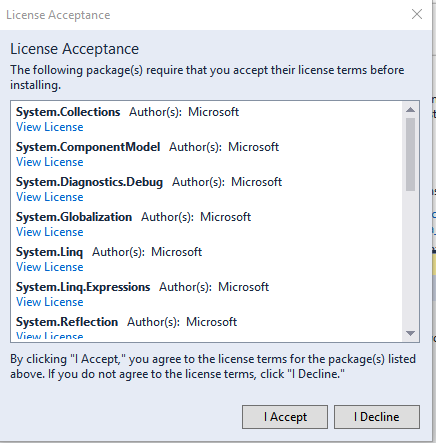
Step 2 – Connect the Web app project to the API

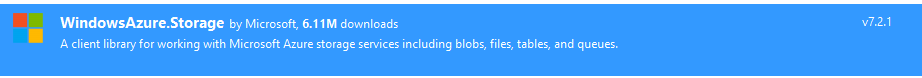


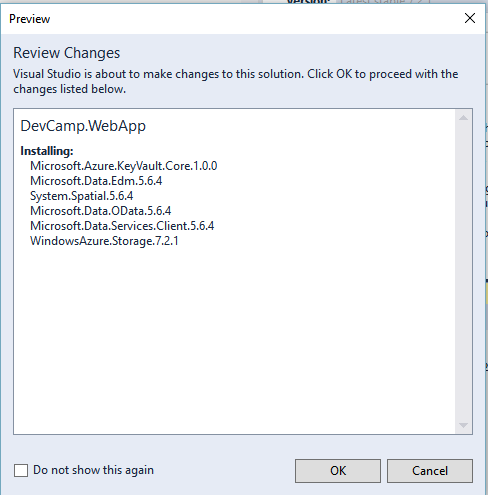
Add the following:

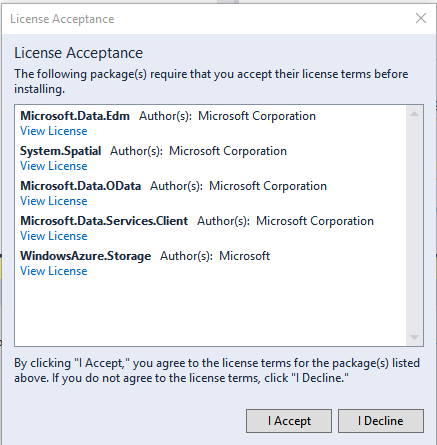




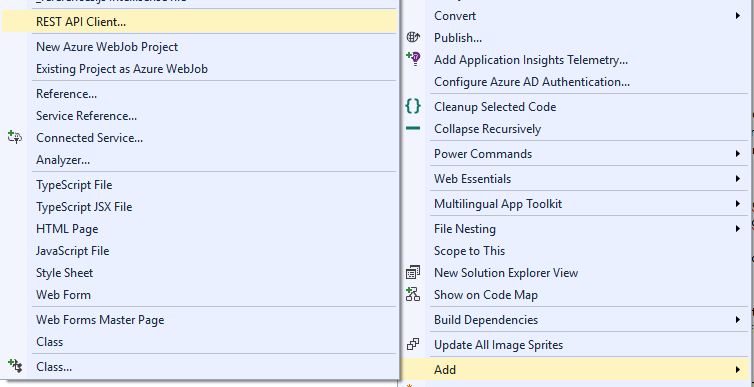




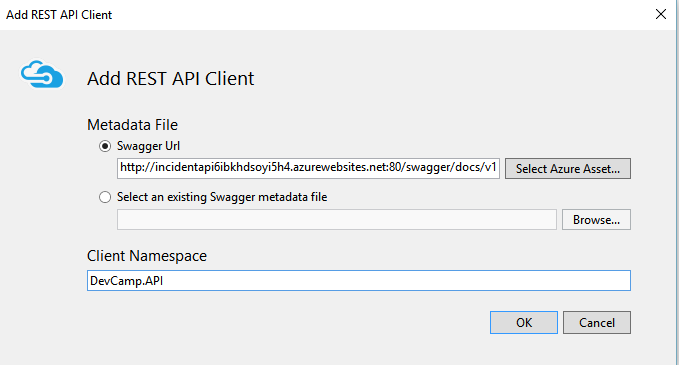




Add a reference to the Web API project URL



<http://incidentapi4w5agyt32vajs.azurewebsites.net/swagger/docs/v1>



Update the web.config to point to your API URL

<add key="INCIDENT\_API\_URL" value="" />

Add the following to the Dashboard View:

<!--VIEW CODE-->

<div class="row">

    @if (Model.Count > 0)

        {

            foreach (var item in Model)

            {

            <div class="col-sm-3">

                <div class="panel panel-default">

                    <div class="panel-heading">Outage: @item.Id</div>

                    <table class="table">

                        <tr>

                            <th>Address</th>

                            <td>@item.Address</td>

                        </tr>B

                        <tr>

                            <th>Contact</th>

                            <td><a href="tel:14174444444">Jane Doe</a></td>

                        </tr>

                        <tr>

                            <th>Reported</th>

                            <td>@item.Created</td>

                        </tr>

                    </table>

                </div>

            </div>

        }

    }

    else

    {

        <div><h2>No incidents reported</h2></div>

    }

</div>

<!--VIEW CODE-->

# Summary

In this hands-on lab, you learned how to:

* Objective 1
* Objective 2
* Objective 3

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