


The Tailspin scenario

07/21/2017 • 2 minutes to read • Contributors 

In this article

[Users can create, edit, and view surveys](#)

[Survey owners can invite contributors](#)

[Architecture](#)



[Sample code](#)

Tailspin is a fictitious company that is developing a SaaS application named Surveys. This application enables organizations to create and publish online surveys.

- An organization can sign up for the application.
- After the organization is signed up, users can sign into the application with their organizational credentials.
- Users can create, edit, and publish surveys.

Note

To get started with the application, see [Run the Surveys application](#).

Users can create, edit, and view surveys

An authenticated user can view all the surveys that he or she has created or has contributor rights to, and create new surveys. Notice that the user is signed in with his organizational identity, bob@contoso.com.

My Surveys

Surveys I Created:

No surveys have been added yet.

[Create Survey](#)

Surveys I Can Contribute To:

No surveys were found where you are a contributor.

Surveys I Published:

No surveys have been published yet.

This screenshot shows the Edit Survey page:

Edit Survey

Title

Holiday party

[Edit Title](#)

Questions

Question

Which holiday party activity do you prefer?

Type

MultipleChoice

Answer Choices

Bowling

Miniature Golf

[Edit](#)[Delete](#)[Add Question](#)

Users can also view any surveys created by other users within the same tenant.

Tenant Surveys

Unpublished:

Favorite foods	Details
Restaurant marketing survey	Details
Holiday party	Details

Published:

No surveys have been published yet.

Survey owners can invite contributors

When a user creates a survey, he or she can invite other people to be contributors on the survey. Contributors can edit the survey, but cannot delete or publish it.

Survey Contributor Request

Add Contributor:

A user can add contributors from other tenants, which enables cross-tenant sharing of resources. In this screenshot, Bob (bob@contoso.com) is adding Alice (alice@fabrikam.com) as a contributor to a survey that Bob created.

When Alice logs in, she sees the survey listed under "Surveys I can contribute to".

My Surveys

Surveys I Created:

No surveys have been added yet.

Surveys I Can Contribute To:

Holiday party

Details

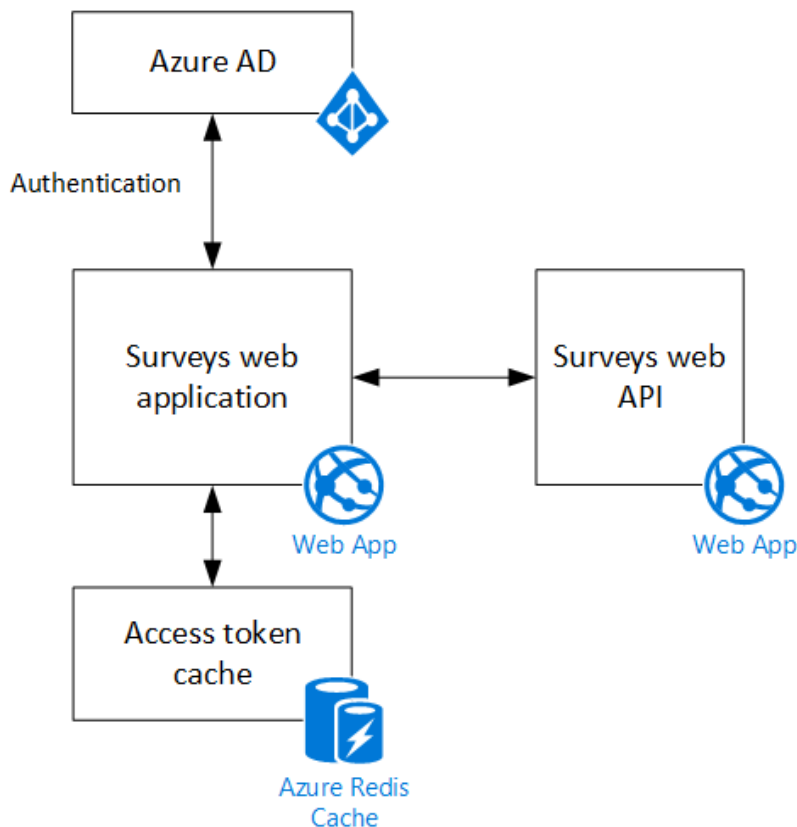
Edit

Note that Alice signs into her own tenant, not as a guest of the Contoso tenant. Alice has contributor permissions only for that survey — she cannot view other surveys from the Contoso tenant.

Architecture

The Surveys application consists of a web front end and a web API backend. Both are implemented using [ASP.NET Core](#).

The web application uses Azure Active Directory (Azure AD) to authenticate users. The web application also calls Azure AD to get OAuth 2 access tokens for the Web API. Access tokens are cached in Azure Redis Cache. The cache enables multiple instances to share the same token cache (for example, in a server farm).



[Next](#)