

Technote Azure B2B at Osttra 2.0 Customer Facing

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1 Overview

There has been a strong interest within OSTTRA to enable external entities to securely access existing and future corporate applications. This initiative has prompted us to look at implementing Azure Active Directory B2B (Business to Business) to enable a secure, compliant external collaboration framework used by many applications in the Microsoft suite. Azure B2B will enable OSTTRA administrators to manage guests easily. For the end users, it offers a seamless invite and collaboration flow that works with applications and can be used across all Microsoft and third-party applications. This document will describe the technology that enables secure guest access to applications in the OSTTRA Azure Active Directory (AAD) tenant but can serve as the foundation to access other applications and resources.

2 What is Azure B2B?

External users can be invited to the organisation as a guest. The guest can be managed as a user by OSTTRA, but a guest has to be authenticated in their home organisation and not in OSTTRA's Azure AD. This means that if the guest no longer has access to their home organisation, they also lose access to OSTTRA's environment. For example, if the guest leaves their organisation, they automatically lose access to any resources or applications shared with them in Azure AD without OSTTRA having to do anything.

By leveraging Azure B2B, OSTTRA can gain the following benefits:

- Same method is used to invite a guest as an internal user
- Guests only have to manage ONE credential
- OSTTRA does not have to manage guest credentials
- Guest accounts can be treated like any other OSTTRA account including the use of the Conditional Access and MFA

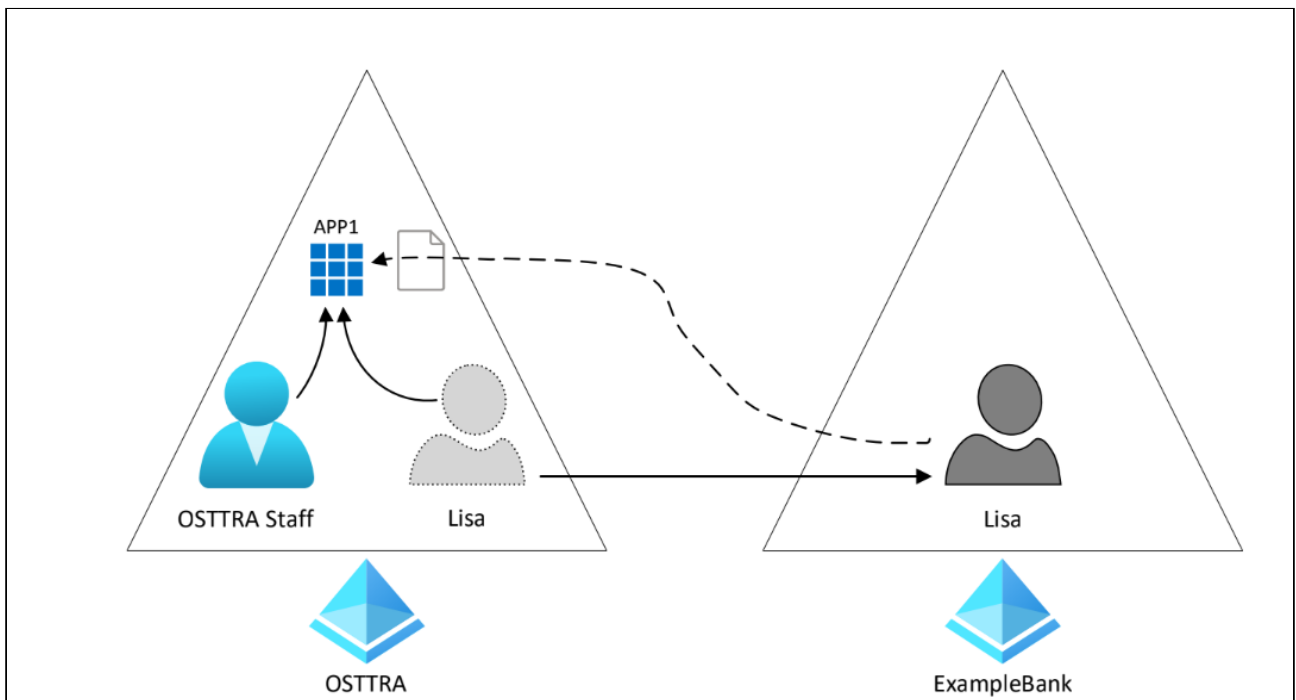


Figure 1: A guest user object for Lisa is auto created in OSTTRA's Azure AD

In the above diagram, Lisa is an ExampleBank user who has been invited to use APP1 in OSTTRA's environment. A shadow (guest) account is automatically created in OSTTRA's Azure AD, but authentication takes place in Lisa's home organisation.

⚠ 'ExampleBank' is used here only as an example and does not represent an actual relationship with OSTTRA.

