Mastering Azure AD B2B Guests

Evolve
A UC Day Event

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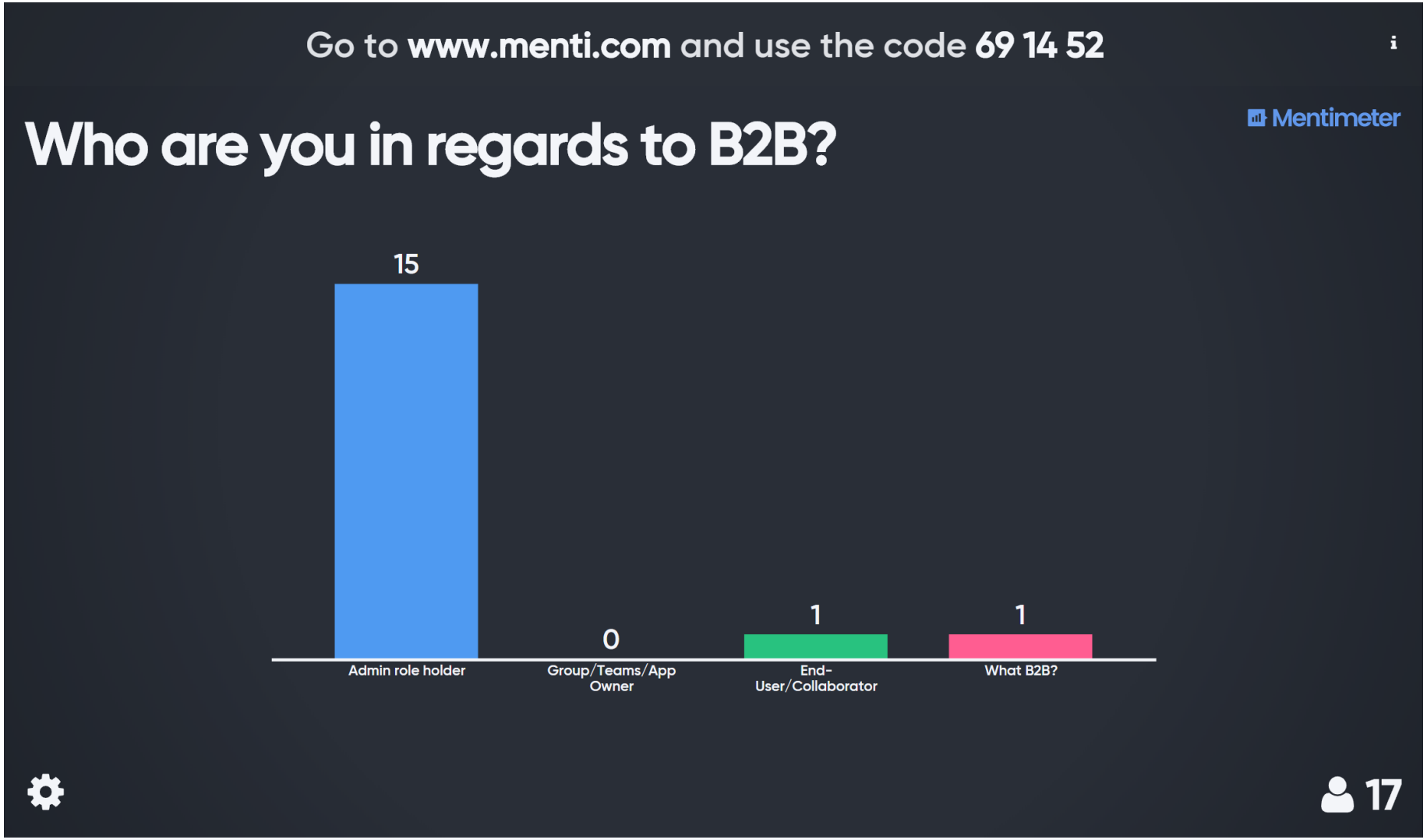
Azure AD B2B Poll



About Azure Active Directory and Guests

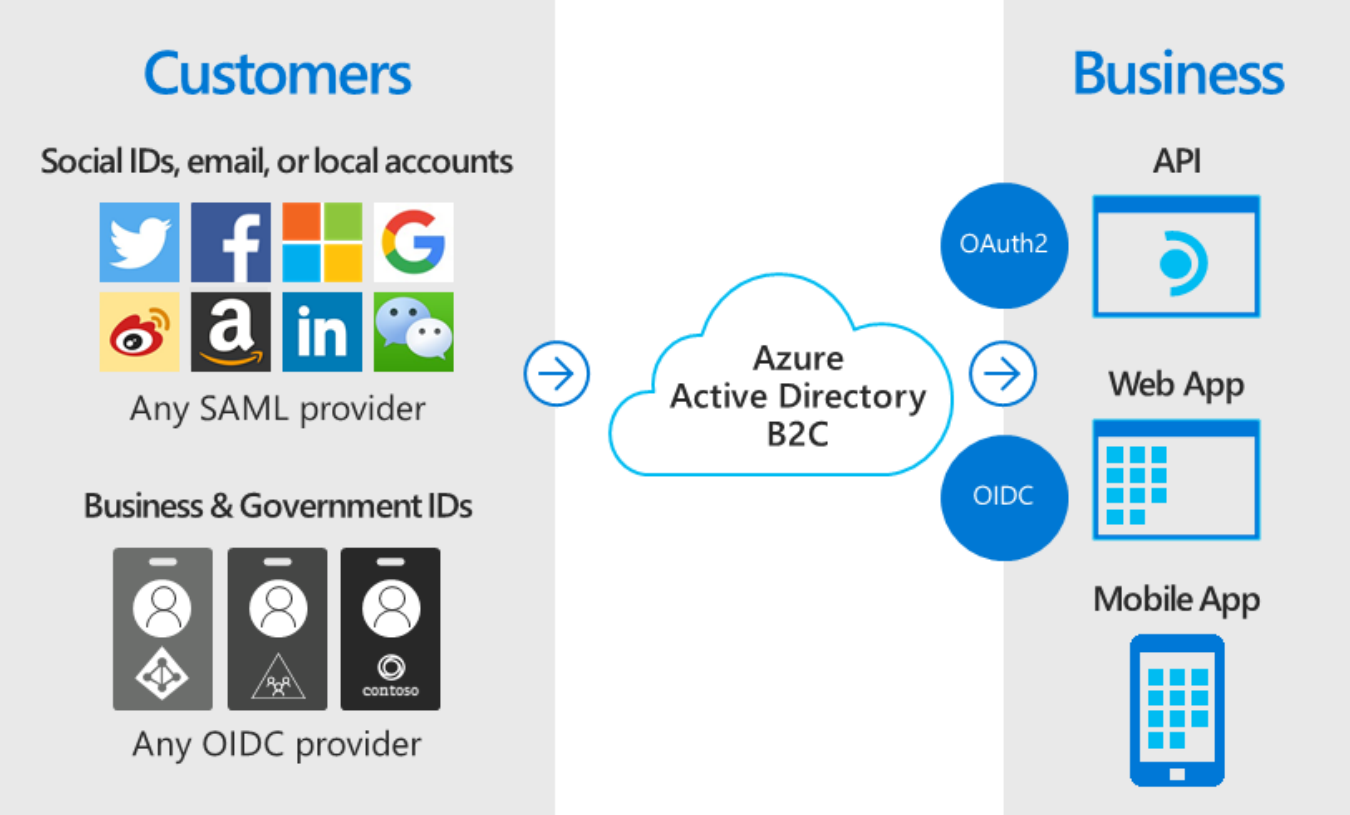
- Guest accounts will be created as User Objects in your Azure AD!
- Default UserType = Guest (as opposed to Member)
- Source: From Invited User to:
  - External Azure Active Directory
  - Microsoft Account
  - Windows Server Active Directory
  - Azure Active Directory
  - Google*

What is really B2B?

- For Collaboration
- Business Partner
  - own identity management solution
  - no external administrative overhead for your organization
- The partner uses their own identities and credentials
  - They don’t require Azure AD on their own.
- You don't need to manage external accounts or passwords.
- You don't need to sync accounts or manage account lifecycles.(*)

How is B2C different from B2B?

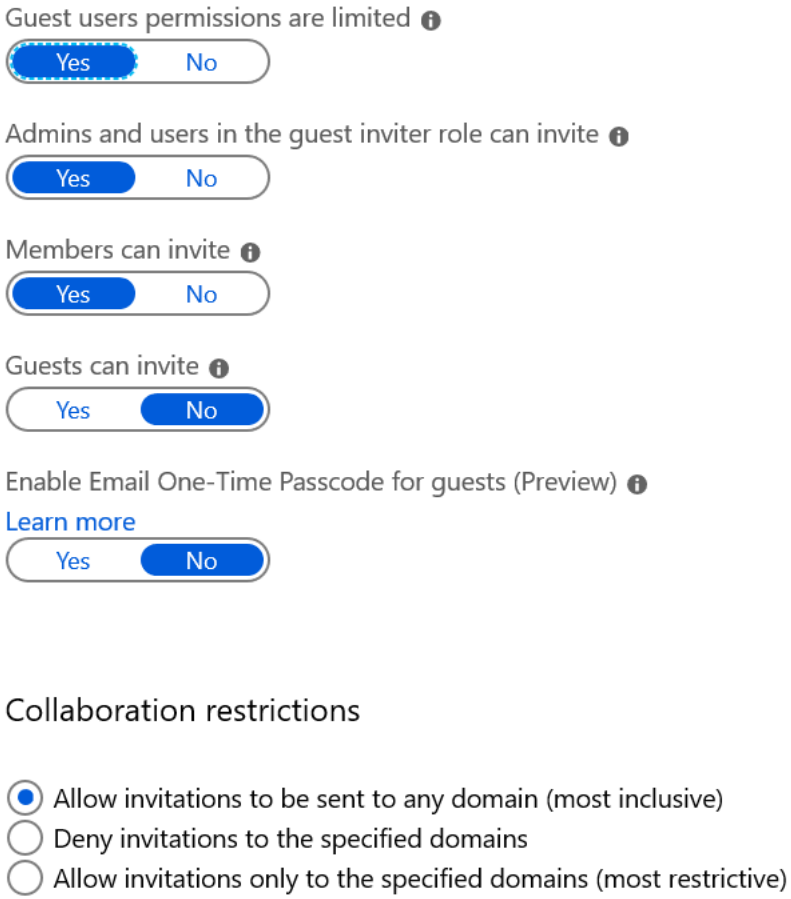
- B2B -> business collaboration and sharing of resources like files and apps
- B2C for customer/consumer facing apps



Who can Invite?

- Normally only Admins can invite
- Inviting Guest Users to your Azure AD tenant can be delegated
  - Groups (& Teams)
  - Applications
- Group Owners
- Self Service

Permissions & Restrictions for Guest Invites



How to invite B2B Guests?

- For Admins and Users with Guest Inviter Role:
  - Manually in Azure AD Portal
  - Automation/Customization with PowerShell & Microsoft Graph
- For Application or Group Owners:
  - Teams
  - Groups/Apps

What About Office 365 External Sharing?

- OneDrive/SharePoint Online different invitation manager
  - OneDrive/SharePoint Online adds users to the directory AFTER invitation redemption.
  - Different redemption experience.
  - Azure AD B2B collaboration invited users can be picked from OneDrive/SharePoint Online sharing dialog boxes. OneDrive/SharePoint Online invited users also show up in Azure AD after they redeem their invitations.

B2B Invites with PowerShell

- Requirement:
  - Admin Role
  - AzureAD PowerShell Module

```
New-AzureADMSInvitation -InvitedUserDisplayName "Name
(Company)" -InvitedUserEmailAddress "alias@domain.com"
-InviteRedirectUrl "https://myapps.microsoft.com" -
SendInvitationMessage $true
```

B2B Invites with Microsoft Graph

POST https://graph.microsoft.com/v1.0/invitations

```
{
    "invitedUserDisplayName": "Display Name",
    "invitedUserEmailAddress": "alias@domain.com",
    "invitedUserMessageInfo": {
        "messageLanguage": "en-US",
        "customizedMessageBody": "custom string"
     },
    "sendInvitationMessage": false,
    "inviteRedirectUrl": "string"
}
```

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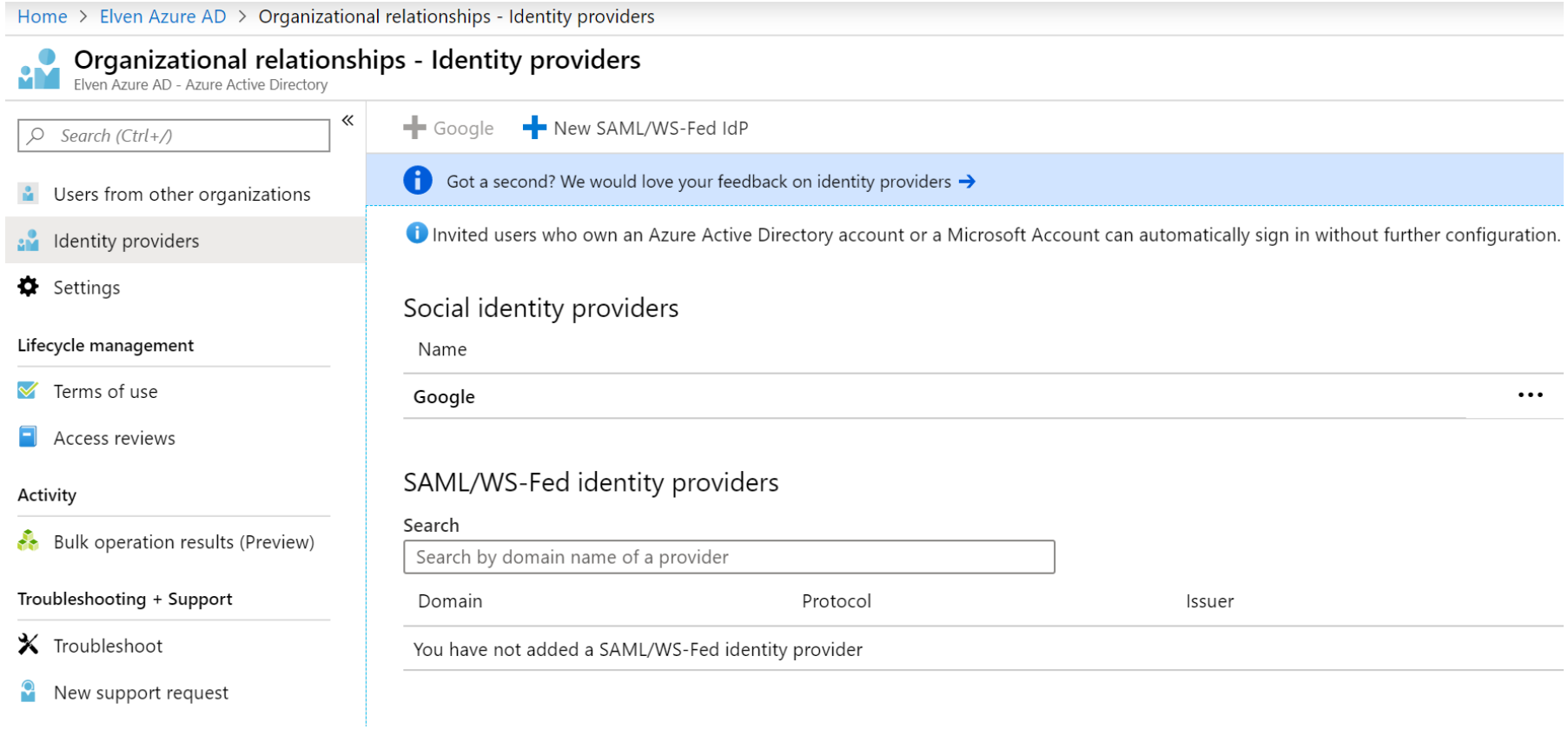
User Invitation Scenarios

Organizational Relationships & Federation

- Social Identity Providers
  - Organizational Relationships
    - WS-FED, SAML
  - Google
    - Not GCP



One-Time Passcode

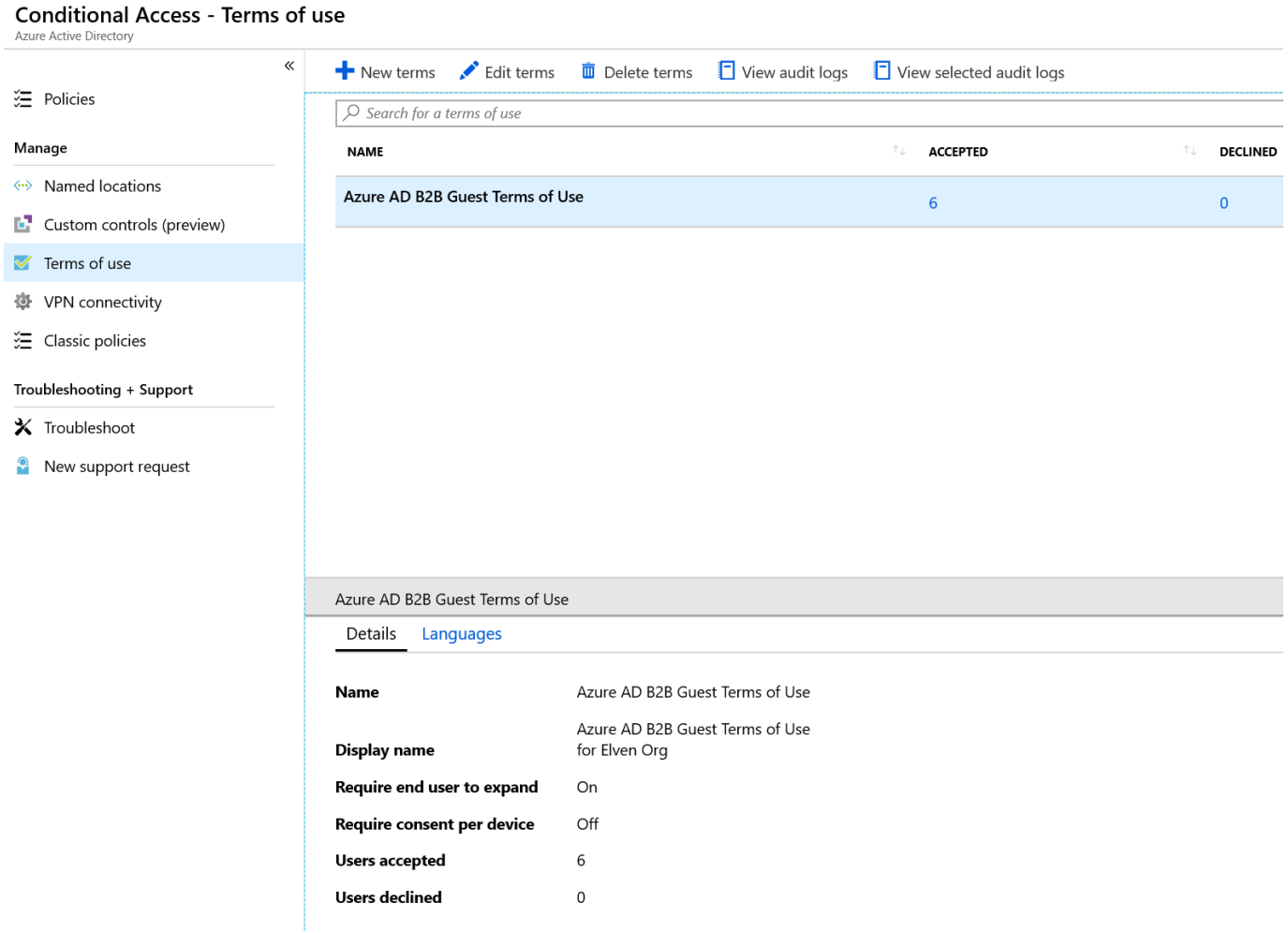
- Support for any e-mail account
- Great for users that don't belong to:
  - Another Azure Active Directory
  - Google
  - Direct Federation via WS-FED or SAML
- .. or don't have or want to create a Microsoft Account

Multi-Factor Authentication for Guests

- MFA
  - Enforce on a Per-User level
  - Via Conditional Access Policies

- Apply the same Conditional Access policies for Guests as for Normal Users, for
  - MFA
  - Location
  - Terms of Use

Terms of Use



What about licensing?

- Free for Basic Azure AD features
- 1:5 for paid features
  - Conditional Access
  - Azure AD PIM

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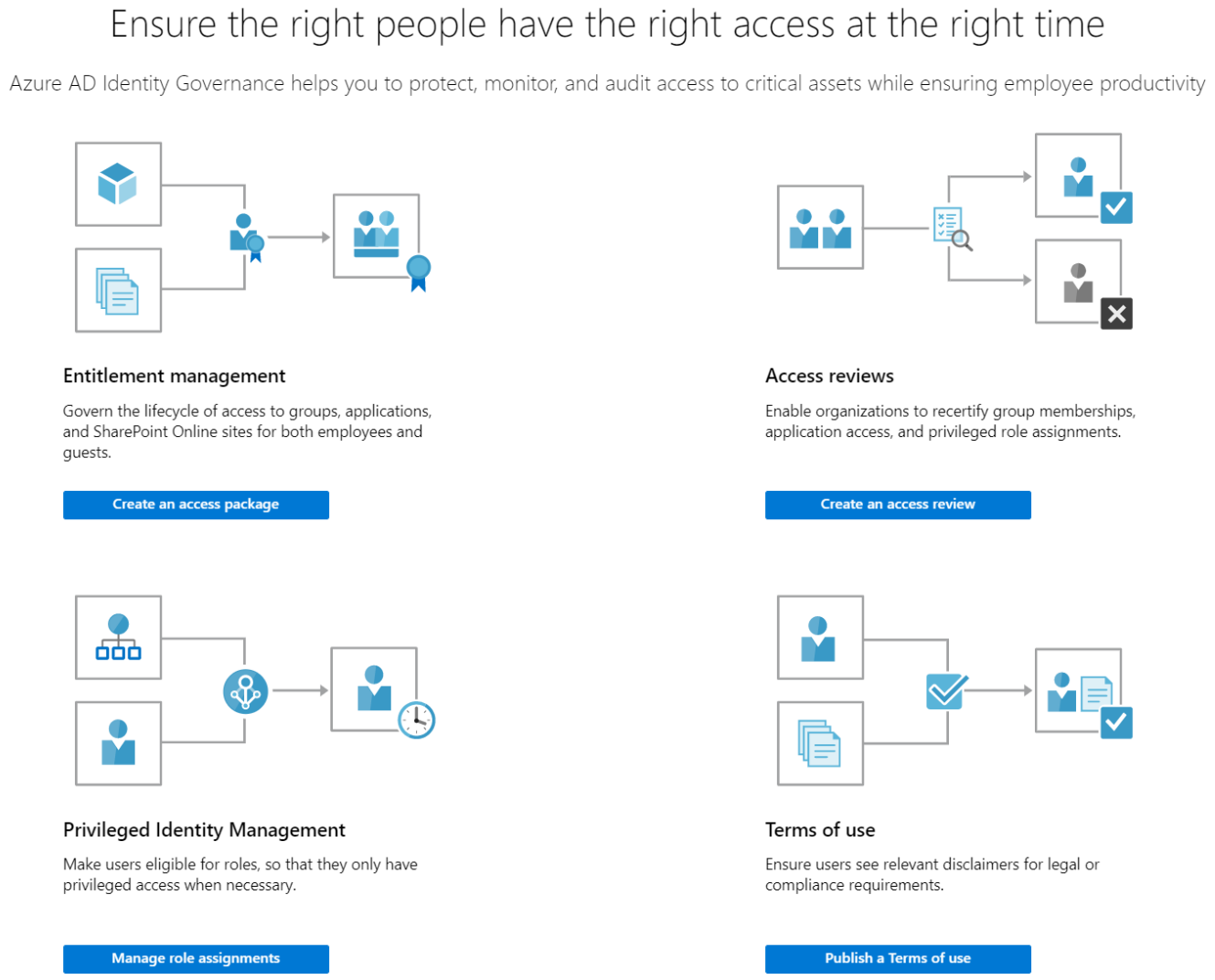
Guests and Conditional Access

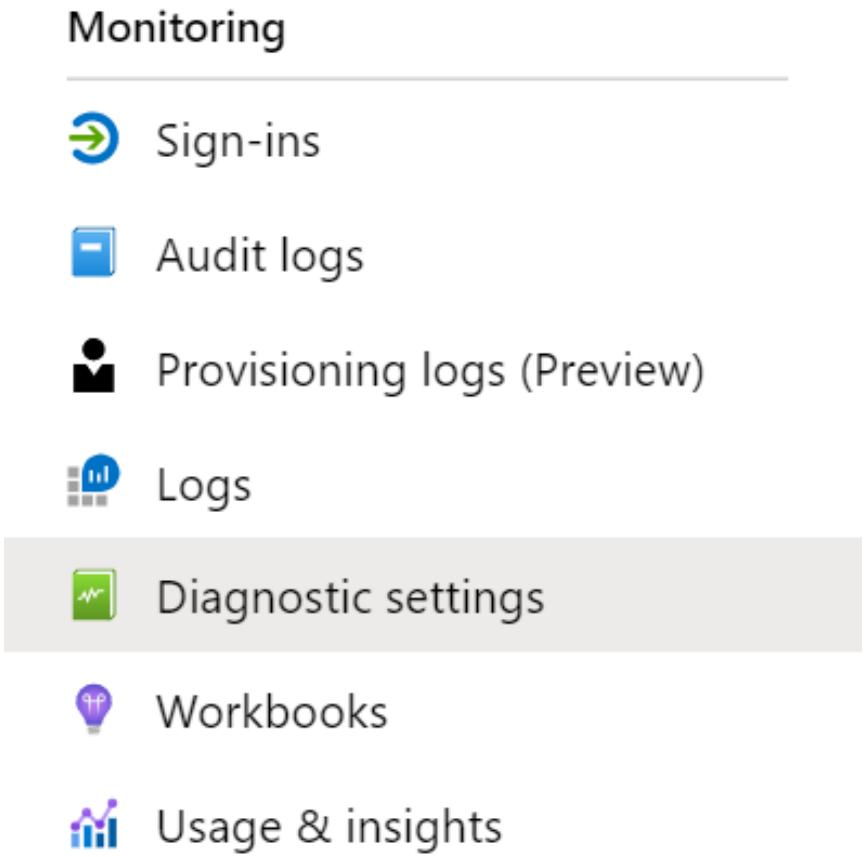
Identity Governance for Guests

- Identity Governance solution consists of:
  - Entitlement Management
  - Access Reviews
  - Privileged Identity Management
  - Terms of Use

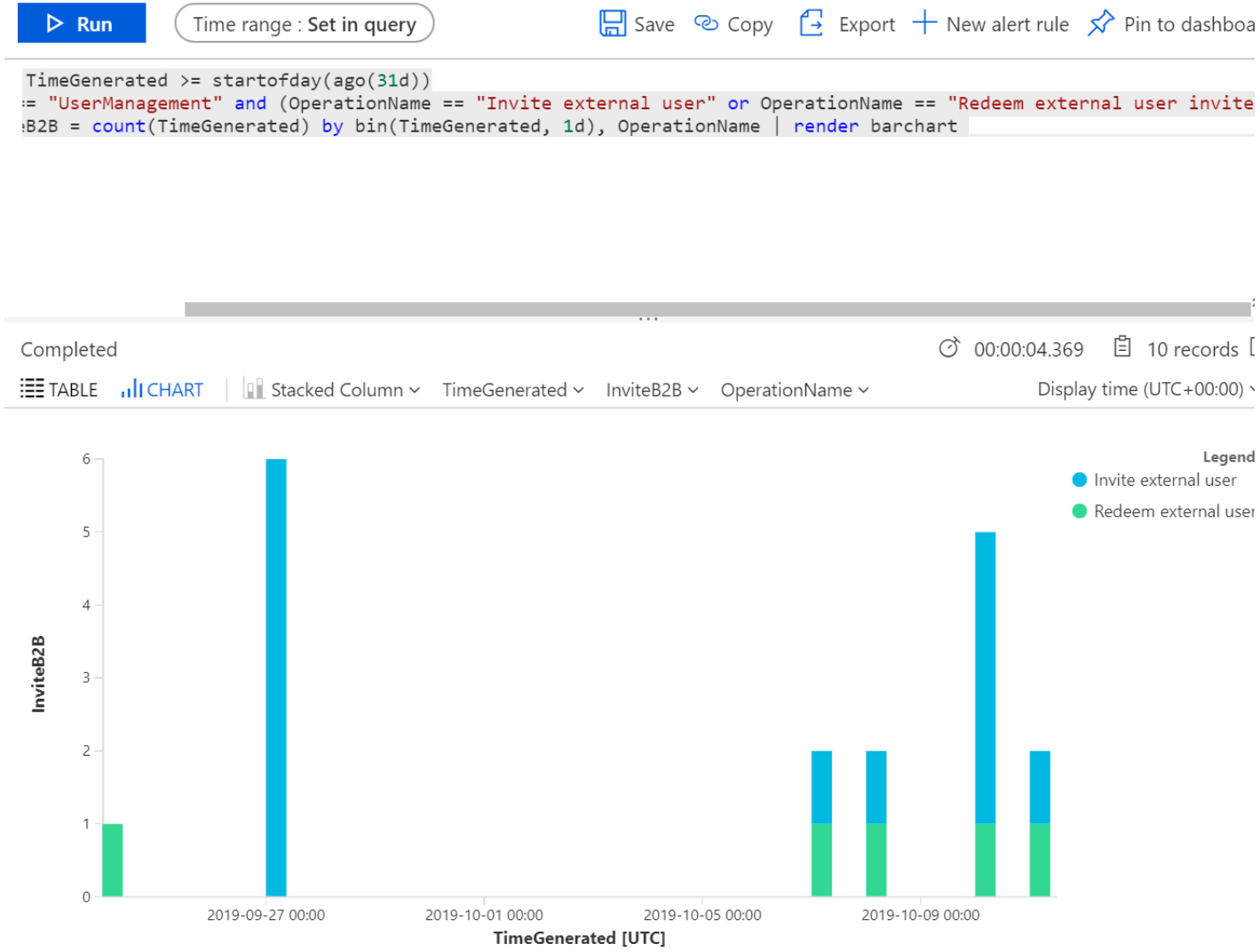


Monitoring B2B Guests

- Sign-ins logs
- Audit logs
- Integration with Azure Monitor



Integrate Azure AD Activity Logs



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Identity Lifecycle and Governance

Review

- Official Docs:
  - https://docs.microsoft.com/en-us/azure/active-directory/b2b/
- Blog Articles:
  - https://gotoguy.blog/category/azure/azure-ad-b2b/
- B2B PowerShell and Graph Samples Demo'ed:
  - https://github.com/JanVidarElven/AzureADB2B-Samples

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