I'm speaking at Festive Tech Calendar 2024

Santa's Festive Guide to Entra ID Security Defaults!

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Elkhan is a Director of Cloud Infrastructure, and an Architect Manager, Microsoft Azure MVP and 18+ MCT with experience in cloud solutions, enterprise healthcare systems and healthcare data, and API standards (HL7 FHIR, EDI X12).

He is an active Microsoft Tech Community Contributor, Cloud Lunch and Learn Co-organizer, Microsoft Learning expert and MCT Regional Lead in the US region, and as well as a LinkedIn instructor with interests in Architecture, DevOps & Security.

He is a frequent speaker at tech meetups and has volunteered for Give Camps, Code Camps, Azure Data Fest, SQL Saturdays, Community Days and Microsoft community events, like this one.

Please, check out his #LinkedIn and #CloudMarathoner posts to elevate your cloud learning journey.

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🎅 Santa's Festive Guide to Entra ID Security Defaults!

What we will cover:

- **What is it and Why?**
- **Enforced security defaults**
- **Deployment Considerations**
- **Entra Admin Demo**
- **Q&A**

What are the Security defaults on Entra ID?

- Security can be difficult
- Prevent common identity-related attacks
- Basic level of security
- Blocking legacy authentication protocols
- Protecting privileged activities

Enabling security defaults

Microsoft Entra admin center

Search resources, services, and docs (G+/)

MAIN DIRECTORY

Home
What's new
Diagnose & solve problems
Favorites
Identity
Overview
Users
All users
Deleted users
User settings
Groups
Devices
Applications
Protection
Identity Governance
External Identities
Show more
Protection
Identity Governance

Home > Main Directory > Users > [redacted] > Users | User settings >

Main Directory

Add | Manage tenants | What's new | Preview features | Got feedback?

Overview | Monitoring | Properties | Recommendations | Setup guides

Name: Main Directory *

Country or region: United States

Data location: United States datacenters

Notification language: English

Tenant ID: [redacted]

Technical contact: [redacted]

Global privacy contact:

Privacy statement URL:

Access management for Azure resources

[redacted] an manage access to all Azure subscriptions and management groups in this tenant.

Learn more

Yes

Security defaults

Security defaults are basic identity security mechanisms recommended by Microsoft. When enabled, these recommendations will be automatically enforced in your organization. Administrators and users wil

Learn more

Your organization is protected by security defaults.

Manage security defaults

Security defaults

Security defaults

Enabled (recommended)

Enabled (recommended)

Disabled (not recommended)

99.9% of account compromise could be stopped by using multifactor authentication, which is a feature that security defaults provides.

Microsoft's security teams see a drop of 80% in compromise rate when security defaults are enabled.

Enforced security defaults

Require	Require all users to register for Microsoft Entra multifactor authentication
Require	Require administrators to do multifactor authentication
Require	Require users to do multifactor authentication when necessary
Block	Block legacy authentication protocols
Protect	Protect privileged activities like access to the Azure portal

Deployment considerations

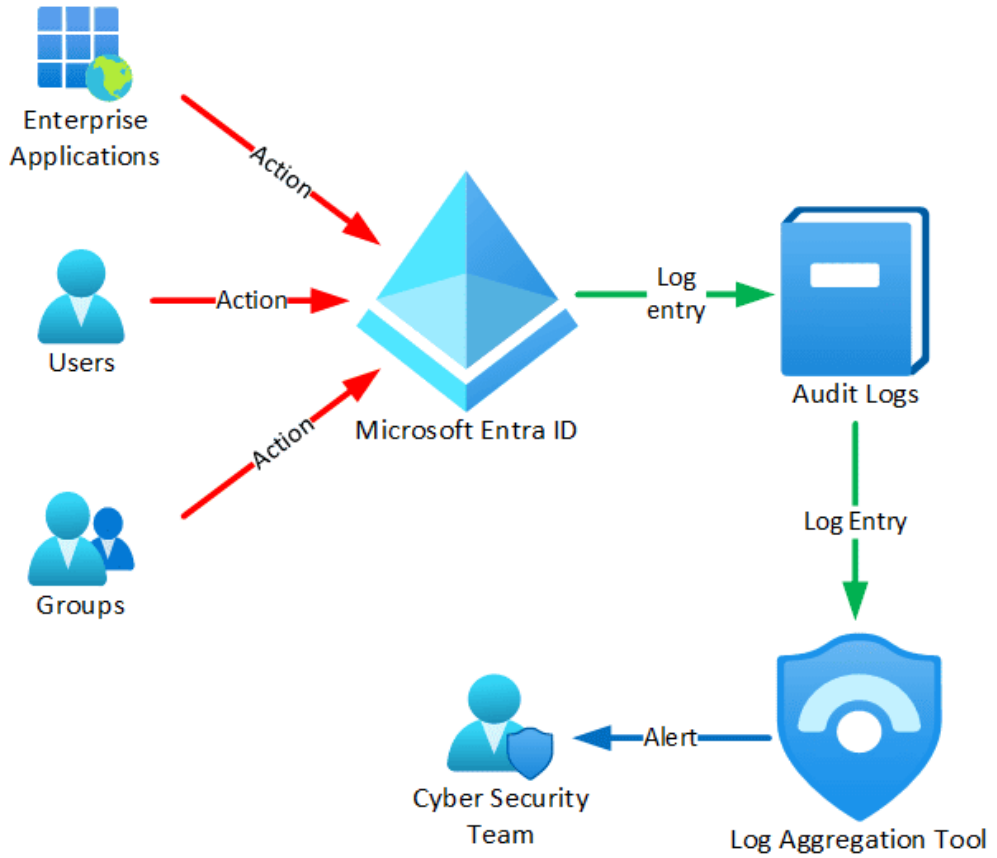
- Preparing your users
- Authentication methods
- B2B users
- Disabled MFA status
- Disabling security defaults

Comparing Security Defaults to Conditional Access

	Security defaults	Conditional Access
Required licenses	None	At least Microsoft Entra ID P1
Customization	No customization (on or off)	Fully customizable
Enabled by	Microsoft or administrator	Administrator
Complexity	Simple to use	Fully customizable based on your requirements

Demo:
Microsoft Entra ID – Security defaults and settings

- Microsoft Entra Admin center
- User Settings
- Group settings
- Device settings



Learning resources Microsoft Entra & Security defaults

- Security Defaults in Microsoft Entra ID
- Improve your security posture
- Emergency access accounts
- Enable MFA
- Identity secure score
- Azure Security Benchmark (ASB)

Applied Skills – hands on practices

Filter

Clear all

Products

Find a product

- .NET
- Azure
- Microsoft Copilot
- Microsoft Defender
- Microsoft Entra
- Microsoft Fabric
- Microsoft Graph
- Microsoft Power Platform
- Microsoft Teams

Roles

- Administrator
- AI Engineer
- App Maker
- Data Analyst
- Data Engineer

Search

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Applied Skills ✖

27 results

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Administer Active Directory Domain Services
Windows • Administrator • Intermediate
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APPLIED SKILLS
Build a natural language processing solution with Azure AI Language
Azure • AI Engineer • Intermediate
Add

APPLIED SKILLS
Build an Azure AI Vision solution
Azure • Developer • Intermediate
Add

APPLIED SKILLS
Build collaborative apps for Microsoft Teams
Microsoft Teams • Developer • Intermediate
Add

APPLIED SKILLS
Configure SIEM security operations using Microsoft Sentinel
Azure • Security Engineer • Intermediate
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APPLIED SKILLS
Configure secure access to your workloads using Azure networking
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APPLIED SKILLS
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Add

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Create and manage automated processes by using Power Automate
Microsoft Power Platform • Administrator • Intermediate
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Thank you !

https://festivetechcalendar.com

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