


IAITAM ACE 2025


ITAM - Another Brick In The Wall

Unlocking the Power of Software Licensing:

Streamlining with Automated Provisioning in Entra




1



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2

Agenda

- Understanding Automated Provisioning and Its Benefits
- The Mechanics Behind Automated Provisioning
- Exploring the Key Publishers in Automated Provisioning
- Preparing for Successful Automated Provisioning Implementation
- Exploring Automation and Reporting Features and Options
- Q&A: Let's Discuss Your Questions and Thoughts



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3

Understanding Automated Provisioning and Its Benefits

Feature within Entra (Formerly Azure AD) Enterprise Applications

Automates the process of user accounts:

- Creating – creates user accounts when added.
- Managing - synchronizes updates and changes.
- Deactivating – deactivates user when no longer needed.

Streamlines lifecycle management:

- Reduces manual allocation, increasing efficiency.
- Removes license automatically.

Enhances Security:

- Reduces access risks.
- Tracks and audits changes.

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4

The Mechanics Behind Automated Provisioning

- Automated Provisioning is the integration between your organisations **Entra Portal** and the **Publisher Portal**.

- The integration is commonly set up using the **SCIM 2.0 Standard**.
- **Entra Enterprise Application Gallery** provides pre-integrated provisioning connectors
- Entra can also support automated provisioning for SaaS platforms that support SCIM 2.0 user management (not covered in this session).

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5

Steps to Verify and Set Up Automated Provisioning in Entra

1. **Verify** automated provisioning is available
2. Set up your **Users and Groups** for access to the platform
3. **Configure** Automated Provisioning

The following steps can only be performed by Global Admin, Cloud Application Administrator or Application Administrator roles in Entra;

 - **Add the Application** from the Entra Gallery.
 - **Add the Admin credentials** of the SaaS platform to Entra.
 - **Configure Attribute Mapping:** to sync relevant data.
 - **Add the Users or Groups:** choose which users or groups you want to sync.
 - **Turn on Automated Provisioning:** this will enable the provisioning and start syncing the groups and users.
4. After syncing, **log into the portal and assign the license** to the group.

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6

2

Exploring Publishers with Automated Provisioning

Applications > Enterprise Applications > New Application

1. Identity > Enterprise applications > New Application

2. Enterprise applications | All applications

Automated Provisioning Symbol

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7

Preparing for Successful Automated Provisioning Implementation

1. Read the Configuration Guides Thoroughly
 - Each SaaS platform has different requirements
2. Validate attribute mapping
3. Consider Any Implications
 - Example: If the Publishers portal required email instead of UPN, you may need to register additional domains in the SaaS platform.

Attribute Mapping

Source Attribute	Target Attribute	Value	Save
displayName	displayName	John Doe	Save
email	email	john.doe@example.com	Save
givenName	givenName	John	Save
surname	surname	Doe	Save
userPrincipalName	userPrincipalName	john.doe@example.com	Save

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8

Preparing for Successful Automated Provisioning Implementation

Groups

Automated Provisioning can provision Users or Groups, but Groups have a number of advantages:

- **Greater Control:** The Owner of an Entra group can change the user in the group, this gives greater control, without additional access.
- **Integration:** Groups can be configured with request management systems.
- **Enhanced Audit capabilities:** Track who and when users are being added and removed from groups.
- **Additional Automation and Reporting capabilities.**

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9
