

Zilla AI Profiles

Relieve your role and group management headaches with AI-powered profiles

Role and Group Management: Tedious, Error-Prone, Never-Ending

It's no secret to any identity professional that the task of accurately creating, updating, and maintaining user roles for the growing sprawl of applications is virtually impossible. Roles have been required to speed provisioning and ease compliance efforts, but today's identity teams are rarely proud of the roles they manage, or

the groups they maintain in lieu of roles. The rapid pace of change, caused by M&A, business reorganization, and application changes, has left identity teams struggling with group or role management models that are either overly complicated, overly simplified at the expense of ensuring least privilege access, or just unusable.



Given the capabilities of Artificial Intelligence and Machine Learning to evaluate, collate and make recommendations about complex problems, **shouldn't there be a better solution?**

Zilla AI Profiles to the Rescue

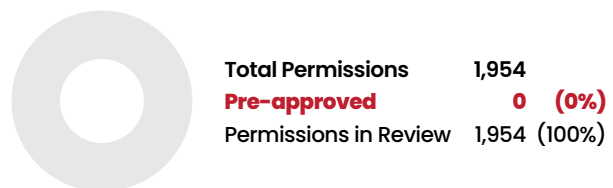
Imagine pressing a button and instantly finding the perfect combinations of user attributes and application permissions across the enterprise or across a scoped set of users and applications. That's how Zilla AI Profiles appear. Within Zilla, AI Profiles can be viewed by identity attributes (such as Department or Title) or by application.

Zilla AI Profiles enables identity teams to automate most of the manual work associated with managing roles, and as a result, simplify identity governance processes dramatically. Zilla does this through Machine Learning algorithms that generate and maintain profiles for enterprise identities automatically. Furthermore, AI Profiles enable pre-approvals by app owners or supervisors, as appropriate, to greatly reduce the number of approvals and tickets required for ongoing identity changes.

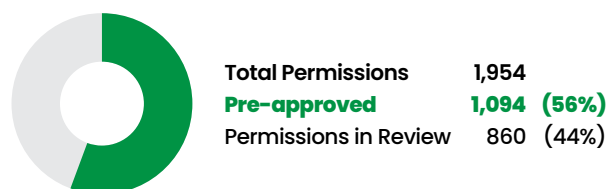
Key Takeaways

- Role and group management is **impossible to maintain**.
- Zilla AI Profiles enables identity teams to **automate most of the manual work** associated with managing roles.
- Zilla AI Profiles **speeds provisioning** and reduces User Access Review efforts.

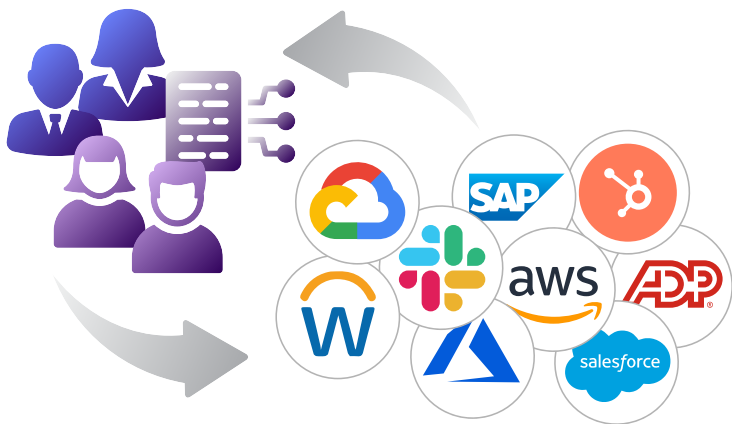
Before: 1,954 Reviews Required



AFTER using AI Profiles, 1,094 Reviews Eliminated



In this access review, the number of permissions to review decreases from 1,954 to 860 due to AI Profiles-powered pre-approval of 1,094 permissions



Eliminate the Drudgery of Role Discovery

AI Profiles are a new approach to simplifying permissions management. In order to understand how AI Profiles work, it is important to consider the limitations of traditional roles (and of groups managed in IdP systems).

Traditional Roles and Groups

Roles and groups are difficult to define. Making decisions about what permissions a role or group should grant, and who the role or group members should be, requires a lot of context about the permissions under consideration. Traditional approaches to role definition struggle with this fundamental issue of involving people who have this context. Similarly, groups managed by Identity Providers require rules for group membership, but Identity Provider administrators don't have the context to define rules except for those related to a few IT managed systems. Finding role owners or group owners who truly have the right context is virtually impossible because the context is spread amongst many people in the organization.

Roles and groups are hard to maintain and are rapidly outdated.

How AI Helps

Zilla AI learns from the identity attributes and existing permissions of users in the enterprise to make decisions about what permission profiles make sense and what each profile should contain. In addition, Zilla AI collaborates with application owners and resource owners to bring their individual context to bear on approving or denying profile usage.

Zilla **automatically adjusts profiles** based on changes it observes to users, applications and data resources. Zilla AI Profiles **stay up-to-date via an automation engine** that scans for permission changes.

AI Profiles in Action

- 1 Zilla evaluates the existing users, apps, and permissions with our proprietary Machine Learning algorithm.
- 2 Zilla recommends a list of Profiles, which are the most efficient and precise combinations of the existing set of permissions tied to unique users and job functions.
- 3 The identified owner of the application, resource or permission (as specified in Zilla) can approve or deny the Profile, or delegate its approval to the right stakeholder.
- 4 Zilla documents the approval of the profile and automatically applies this pre-approval to User Access Reviews or Provisioning activities, eliminating the need for redundant approval administration while enabling streamlined compliance and provisioning activities.

About the AI behind Zilla Profiles:

- ✓ The AI used is actually an in-house, proprietary machine learning algorithm. It's **not a Large Language Model**.
- ✓ Zilla **only uses an individual customer's data** to build profiles.
- ✓ **Customer data does not leave the tenant** and is not shared with any external systems.
- ✓ **Zilla does not aggregate customer data** for any type of external use.

Reduce Your Efforts Around Roles by 80% or More

Stop wasting time defining and maintaining roles manually. End the struggles with hundreds of rules for group memberships. **Zilla AI Profiles** are here. To learn more, [visit ZillaSecurity.com](https://www.zillasecurity.com)