

Mastering Azure Active Directory:

A Conversation Between Panda and Master!!





Master, Can you explain how Azure Active Directory can help us manage users and groups?



Of course, Panda. Azure Active Directory (Azure AD) is a cloud-based identity and access management service that helps you manage users and groups. With Azure AD, you can easily create and manage user accounts, group memberships, and permissions.



"Panda, I would be delighted to demonstrate to you how to efficiently create a group called 'Furious Five' on the Azure portal and seamlessly add Tigress to it."



That sounds great, Master. But how can we ensure that only certain users have access to specific resources?



Well, Po, one way to do this is to create roles for accessing specific resources, and then assign those roles to the appropriate users or groups.



To protect the sacred kung fu scrolls stored in Azure blob storage and restrict access to Tigress alone, you can establish a specialised role for accessing these scrolls and assign it to her.



Hey Master, can you explain the difference between a group and an administrative unit in Azure AD?



Sure, Panda. A group is a collection of users who have common access rights to resources.

For example, the Furious Five could be a group with access to the Training Hall.



An Administrative Unit, on the other hand, is a way to organize and manage groups and users based on job roles or departments within an organisation.



I see. So, can we assign specific users as administrators for an Administrative Unit?



Yes, we can. For example, let's say we create an Administrative Unit for the kitchen staff in the Jade Palace. We can assign specific users, such as the Head Chef or the Kitchen Manager, as administrators for that unit.



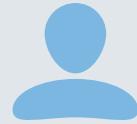
This would give them the ability to manage user accounts and group memberships within that unit, as well as assign permissions to resources based on the needs of the kitchen staff.



Ah, I think I understand now.
Thanks for explaining it to me,
Master.



Global Admin



**Global Admin Manages
all Users and groups**



Global Admin

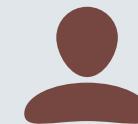
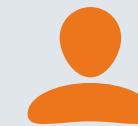
TRAINING ADMINISTRATIVE UNIT



Trainer



Master Chef



Kitchen Administrative unit



I've been hearing a lot about conditional access lately. Can you explain what it is and how it works?



Of course, Panda! Let's say we have a new recruit who needs access to our training materials. However, we only want to give them access during business hours, and only from their work computer.



With conditional access, we can create a policy that only allows access to the training materials during business hours and from the user's work computer.



This way, even if the recruit's credentials are compromised, an attacker won't be able to access the training materials outside of business hours or from an unauthorised device.

Conditional Access

Device: Issued by office

Time : 10 am



Trying to Access



ACCESS ALLOWED



Resource

Device: Issued by office

Time : 9pm



→



Access Denied



Resource



What other interesting features does Azure AD have, Master ?

Azure AD provides a range of policies to enforce password complexity and length, as well as enable multi-factor authentication. MFA requires additional authentication factors, like phone numbers or email addresses, to verify user identity.



Also, bulk creation and deletion of users and groups is possible through PowerShell scripts.





Wow, Master. You've explained everything so clearly. I feel like I have a much better understanding of how Azure Active Directory works.



I'm glad to hear that, Panda. Azure Active Directory is a powerful tool that can help you manage your organisation's identity and access needs, and I'm always happy to share my knowledge with you.

The End