Azure Directories

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Azure Directory

* **Directory services are used to track organization's users and resources.**

* Directory services identify each user and available resource.

    * Have mechanisms for:

        * **Authentication** for each user

        * **Authorization** for which assets each user may access.

* Directory services extend these services also to services outside organization's network.

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Azure Directory

* **Directories are used to limit access to resources for different users.**

* Directory holds data about users, their roles and permissions.

* Why use directories?
    * 1) Directory Access role allows administration at lower level.
    * 2) Regulating access to 3rd party services with SSO (Single-Sign On).
    * 3) Regulating access to custom home made software with SSO.

* Directories are administered with Microsoft Azure Active Directory Access Control Service

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Subscription

* **Directories and Subscriptions are closely tied.**
* Trust means that users within that group will have access to resources within that group. Azure uses following rules:
  * Each Subscription can trusts to one Directory.
  * Multiple Subscriptions can trust same Directory.
  * Deleting Subscription will not destroy Directory

* Typically each department in a major/medium company creates its own Directory (for example IT administration). Smaller companies usually use single primary directory shared by all subscriptions.

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Subscription

* Note: Additional data about directory deleting:
    * https://msdn.microsoft.com/en-us/library/azure/jj573650.aspx?f=255&MSPPError=-2147217396#BKMK_DeleteDirectory

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Questions?

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