DIFFERNCE BETWEEN AUTHORIZATION AND AUTHENTICATION

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| Aspects | Authorization | Authentication |
| Definition | The process of verifying the identity of a user | The process of determining if an authenticated user has permission to access certain resources |
| Objective | To ensure that the user is who they claim to be | To ensure that the authenticated user has the necessary permissions to perform an action |
| Verification Methods | Typically involves credentials such as username/password, biometrics, tokens, certificates, etc. | Generally based on roles, privileges, or access control lists (ACLs) |
| Timing | Usually occurs before authorization | Follows authentication and determines access rights |
| Example | Logging into a system with a username and password | A user with administrator privileges accessing sensitive data |
| Technologies | Examples include OAuth, OpenID Connect, SAML, JWT, etc. | Examples include role-based access control (RBAC), attribute-based access control (ABAC), ACLs, etc. |
| Focus | Focuses on verifying identity | Focuses on determining what actions or resources a verified identity can access |