**Difference Between Authentication and Authorization**

**Authentication (**Verification):  
  
Definition: The process of confirming the identity of a person, object, or device is known as authentication.  
Its goal is to verify that the system or individual attempting to access a resource is who they say they are.  
Mechanism: Uses identification tokens, biometric information, passwords, or other forms of verification.  
Procedure: Users usually give the system their login credentials (username and password), which it compares to a database that is kept on file.  
Example: Entering a login and password to get into an email account.

**Authorization** (Permission):  
  
Definition: The act of approving or rejecting access to resources in accordance with a verified identity is known as authorisation.  
Its goal is to decide what can be accessed or done by an authenticated user.  
Mechanism: Uses roles, rules, and access control lists to set access levels and permissions.  
Procedure: Following the authentication process, the system verifies the resources and actions that the user is authorised to access or carry out.  
For instance, opening particular emails or folders

Principal Disparities:  
Order:  
  
Authentication: Prior to examining permits, you must always confirm your identity.  
Permissions are examined only after identity verification; authorisation comes after authentication.  
Use:  
  
Validation: Verifies the identity of the user.  
Authorisation: Establishes access levels and user privileges.  
Main Point:  
  
User credentials serve as authentication.  
Authorisation: Access rights and user permissions.  
Common Technologies Employed:  
  
OTPs, biometrics, passwords, and two-factor authentication (2FA) are examples of authentication methods.  
Role-based access control (RBAC), access control lists (ACLs), and policies are examples of authorisation.  
Real-World Example  
  
Authentication: Presenting your ID card to gain access to a structure.  
Permission to enter certain rooms or offices within the building in accordance with your position.Principal Disparities:  
Order:  
  
Authentication: Prior to examining permits, you must always confirm your identity.  
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Use: