Authorization

In short, the meaning of authorization is the process of giving the ability to access a resource. You can look at authorization as an addition to authentication. First authentication veifies whether you are the person it's looking for, after it has found that person, it determines what you can do do based on the roles that were assigned to that person. Authorization mechanisms include role-based access control(RBAC), access control lists(ACLs), and the principle of least privilege. Role based access control involves setting permissions to different roles. Some individuals may hve more or less permissions than others. Access control lists are more object-centered unlike RBAC that is role-centered. Each object has its own list that specifies which users can do what. The principle of least privilege gives users the minumum amount of permissions to reduce security risks. Many systems use a mix of both RBAC and ACLs making it easier for large group of users while still allowing access to sensitive resources.