Role Based Access Control

The main concept is that the rights are associated with roles not with users. For example: In a login system, as soon as user authenticates, the roles are activated for him and he gets access to only those resources which are accessible to that particular role.

Example: Payroll manager and HR have access to salaries of people.

Benefits:

1. Policy need not be updated when certain person with a role leaves the organization as rights are not dependent on users, it only depends on roles.

2. New employee can easily activate the desired role.

3. User has access to only specific resources based on role so that unwanted resources are not affected.