Authentication and Authorisation

# Authentication

Validating a user's account login credentials serves the purpose of ensuring that the user attempting access to a system account, is actually the person related to, or owner of the account being accessed.

## Login and Authentication Methods

Basic Access Authentication Not secure DO NOT IMPLEMENT

Digest Authentication

SSO Single Sign On

FIM Federated Identity Management

Token Based

3rd Party API authentication services;

[https://www.okta.com/uk/products/api-access-management/?utm\_campaign=search\_google\_emea\_uki\_ao\_all\_lifecycle&utm\_source=google&utm\_medium=cpc&utm\_term=api%20authorisation&utm\_page={url}&utm\_content=520350373107&gclid=Cj0KCQjw5auGBhDEARIsAFyNm9Eo8gErop5Tw14VMCPsexHxfoYiNQWUXEHH2DPp-1hBU\_oi6TQ-xbIaAt8HEALw\_wcB](https://www.okta.com/uk/products/api-access-management/?utm_campaign=search_google_emea_uki_ao_all_lifecycle&utm_source=google&utm_medium=cpc&utm_term=api%20authorisation&utm_page=%7Burl%7D&utm_content=520350373107&gclid=Cj0KCQjw5auGBhDEARIsAFyNm9Eo8gErop5Tw14VMCPsexHxfoYiNQWUXEHH2DPp-1hBU_oi6TQ-xbIaAt8HEALw_wcB)

# Authorisation

Ensuring a person or account has the correct permissions policy to gain access to, and interact with a given resource.

## Access Control Methods

ACL Access Control Lists

RBAC Role Based Access Control

ABAC Attribute Based Access Control

RBAC/ABAC/ACL Hybrid access control