

Fine-grained Authentication

- In the real world we recognize people via a multitude of "signals" they give off
 - gait
 - face
 - voice
 - tone, volume, accent, vocabulary
 - etc
- Can we use digital signals to identify and provide inputs to the authentication process?
 - which device, OS, browser
 - cookies
 - geolocation, geo-fence, geo velocity
 - info from external services:
 - fraud detection
 - risk engines
 - credit scores
- Authentication is no longer the result of successful assessment of 1 or 2 factors. MFA is yesterday.
 - Modern authentication involves many, many factors, most of which will be implicit and invisible to the user.
 - Hence Fine-grained Authentication
- AM 5.5 comes with Authentication Trees as a way to model the user journey
 - Trees made up of collections of nodes which have outcomes
 - The outcomes allow an admin to model the user journey.
 - Intelligence built into the trees enable smoother user experience, yet more informed authn process
 - data acquired during authn can be placed in the session for use by apps later.