Duo Multifactor Authentication with Cisco ISE (No Duo Proxy)

Knowledge Transfer with Kelvin

#NetworkWizkids

Notable Points

- Available in ISE version 3.3 patch 1
- Classified as being in beta
- Allows Cisco ISE and Duo customers to integrate Duo MFA without the need for a Duo Authentication Proxy
- Primary authc carried out by ISE and secondary authc carried out by Duo
- Addresses the same use cases as did with the proxy
  - VPN user authentication
  - TACACS+ (APS limitations for deployment types)
- Current support for Duo Push and Phone Calls

Prerequisites

- ISE Advantage License

- Duo Essentials, Advantage or Premier Plan that supports the Admin API and Auth API integrations

- AD integration with ISE

- ISE OpenAPI enabled

Configuration Steps

1. Configure Duo Auth API and Admin API Applications

2. Configure ISE External Identity Sources

3. Configure Duo Authentication parameters

4. Configure Identity synchronisation

5. Create MFA policies for RADIUS (VPN) or TACACS+

Demo