IT Readiness | Participants Requirements

**Computer**
- OS: Windows 7+ or MacOS 10.11+
- Browser: Google Chrome v68+ Mozilla Firefox v77+
- Memory: 8GB+ *(16GB recommended)*
- CPU: Intel i5+ *(i7 recommended)*
- Webcam
- Headset with microphone
  - *Vxi Passport, KOSS CS300, Logi H540*
- Permission: allow browser to have access to camera and microphone
- Avoid using ad-blockers

**Mobile**
- Android 6, 7, 8, 9
- iPhone 6s, 7, 8, X with iOS 12+
- iPad, iPad Pro with iOS 12+
- KUDO App installed
- Allow access to camera and microphone when prompted

**Internet Bandwidth**
- Audio: minimum of 64 kbps *(recommended 128 kbps)*
- Video: minimum of 320 kbps *(recommended 1.2 mbps)*
- On mobile: 4G and LTE work well for up to 6 concurrent streams
- Low latency bandwidth is required for uninterrupted video

**Security**
- Open TCP port 443 for SSL
- Open UDP Port 3478 for A/V stream
- Firewall or Endpoint Security software to allow above ports
- Only transparent proxy is supported.
  - Forwarding proxy with Kerberos and proxy requiring authentication are not supported.

**Network & WiFi**
- Wired internet connection *(highly recommended)*
- WiFi: 5Ghz 802.11ac/ax *(if wired connection is not available)*
- In crowded environments, 5Ghz and 802.11ac/ax routers are required
- With 2.4Ghz, intermittent and choppy video/audio will be experienced

**Router / AP**
- Must have isolated 5Ghz capability *(isolated / separate bands)*
- Wireless speed: AC1750 to AC3200 *(highly recommended)*
- I/O Antennas: 3x3 MU-MIMO *(recommended for multiple devices)*