

2.1. Summary of Mr. Krush's Testimony

- Without a real understanding of systems security architecture, and the vulnerability and penetration results, inferring what an exploit or malware could do to a system is simply speculation.
- The Federal Government has adopted a comprehensive and rigorous set of processes and procedures, collectively called the Risk Management Framework, to manage the risk to federal systems. This is not called the "No Risk Framework;" instead it provides detailed guidance to security professionals on the proactive and effective *management* of risk to federal IT infrastructure.
- There is no such thing as a 100% secure system. Cyber security professionals seek to manage risk.
- Mr. Krush has publicly stated that he would entrust his personal data to Healthcare.gov. He stands by this statement.

2.2. Mr. Krush's Qualifications

- **Mr. Krush is the CEO of Lunarline**, an award-winning, Service-Disabled, Veteran-Owned Small Business that provides cyber security and privacy products, services, and training to federal and commercial clients. Lunarline is consistently ranked by *Inc. Magazine* as one of the nation's fastest growing companies.
- He is also a founding member of the non-profit organization **Warrior to Cyber Warrior**. Warrior to Cyber Warrior provides a free six-month cyber security boot camp for returning Veterans to equip them for the challenges of the civilian cyber world and obtain careers in the cyber security and privacy industries.
- A Veteran of the U.S. Army, Mr. Krush is a **recipient of the Knowlton Award – one of the highest honors in the field of Intelligence – for his advanced cyber security work**. For his outstanding contributions to U.S. National Security, he was also recognized as the **718th Military Intelligence Soldier of the Year** and NSA Professional of the Quarter. He also received the Voice of America Award and is a two-time winner of the American Legion Award, as well as many other technical and military impact awards related to cyber security and operations.
- Mr. Krush was awarded a military, commercial, and government impact awards for his direct work in cyber security, has been the subject matter expert (SME) on critical infrastructure protection (CIP) assessments around the world, and actively works on advanced cyber security projects in the government and commercial industry.
- As founder of Lunarline, Mr. Krush has developed a reputation for being a **cyber security thought leader**. He has appeared as a cyber security expert on CNBC, NPR, Fox Business, AP, and other news outlets. **A published author**, Mr. Krush has been featured in *Military IT Magazine*, *Government Health IT*, *SmartCEO*, and numerous other publications. Mr. Krush was also the **co-author of the cyber security book**, *The Definitive Guide to the C&A Transformation*,

NIST Special Publication 800-53A, The Federal Enterprise Architecture Security and Privacy Profile (FEA-SPP) version 3.0, and several other cyber security and privacy publications.

- Mr. Krush holds a B.S. in Computer Information Science from UMUC, is a Certified Information Systems Security Profession (CISA), Certification and Accreditation Professional (CAP), Certified Information Systems Auditor (CISA), and has more than 3,000 hours of training from the National Cryptologic School.