CYBRScore ®

COMTECH MISSION CRITICAL TECHNOLOGIES

Skills Assessments

CYBRScore Skills Assessments employ practical hands-on exercises hosted in our virtual network environment which walk users through various simulated scenarios. Using our patented PerformanScore® technology, each assessment collects hundreds of data points in real-time as the user completes the tasks within the exercises. Once completed, the user's manager or instructor will receive a score and report that outlines strengths and weaknesses and provides recommendations for skills development.

Skills Labs

CYBRScore immersive hands-on labs allow beginner through professional users to develop and enhance their practical cybersecurity skills and abilities. Our hands-on content library includes over 400 labs in a variety of topic areas including system hardening, vulnerability analysis, incident response, digital media forensics, malware analysis, and penetration testing as well as general IT skills. Labs are available in a hosted environment that can be accessed **on-demand, anywhere, anytime**.

Academy Courses

With over 20+ courses and 400+ hands-on labs, we provide entry-level through seasoned cyber professionals with world-class education to build knowledge, skills and abilities in the latest cybersecurity techniques, skills, and best practices. Our courses are mapped directly to specific learning objectives from governing institutions and cybersecurity communities of practice, including the NICE National Cybersecurity Workforce Framework and DoD Directive 8140.

Key Benefits of Skills Assessments

➤ On Demand based on your schedule - Available 24x7.
➤ Simple HTML5 web browser use; no special software required, VPN, or plug-ins required.
➤ Turn-key, we host everything, no hardware/software or licenses to manage.
➤ Easily Scales to support growing workforce or student base (tens, hundreds, thousands).
➤ Evaluates candidate performance in real-time - Scored results returned immediately.
➤ Real-world scenarios – using real operating systems and complex networks.
➤ Individual Learning Plans reduce training time and costs.
➤ Quickly identify talent with best in class measurements and reporting.

Key Benefits of Hand-on Labs

➤ On Demand based on your schedule - Available 24x7.
➤ Browser Based – HTML5 – No special software, VPN, or plug-ins required.
➤ Turn-key, we host everything, no hardware/software or licenses to manage.
➤ Easily Scales to support growing workforce or student base (tens, hundreds, thousands).
➤ Evaluates candidate performance in real-time - Scored results returned immediately.
➤ Real-world scenarios – using actual operating systems and complex networks.
➤ Individual Learning Plans reduce training time and costs.

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Case Study: Reskilling and Upskilling Federal Employees

Our Nation is experiencing a shortage of cybersecurity talent and capability as noted in the May 2, 2019, Executive Order on America's Cybersecurity Workforce. Innovative approaches are required to improve access to training that maximize an individuals' cybersecurity knowledge, skills, and abilities. Comtech Mission Critical Technologies (Comtech MCT) delivers innovative solutions to identify and close skills gaps. Customers such as the Office of Management and Budget and the Chief Information Officers (CIO) Council are currently using the company's CYBRScore® Solution to quickly identify skills levels, develop individual learning plans, and retrain employees to create a superior cybersecurity workforce.

Federal Cyber Reskilling Academy

Cohort 2 Overview

Comtech's CYBRScore Team kicked off the Federal Cyber Reskilling Academy (FCRA) at their Germantown, Maryland location on July 8, 2019. The goal of the FCRA is to provide intensive cybersecurity instruction over a period of 12 weeks using hands-on practical labs and assessments to equip current Federal employees with the knowledge, skills and abilities to serve in a Cyber Defense Analyst (CDA) work role. The Comtech team of cybersecurity professionals is spearheading this effort using their hands-on CYBRScore Skills Labs, Curriculum, and CYBRScore Assessments to build relevant hand-on skills that will prepare the cohort members to be job-ready upon completing the Academy.

All candidates that are part of the cohort will receive a CYBRScore Assessment for the CDA work role prior to exiting the cohort. This assessment will show how prepared the candidates are for potential work within this specific work role. In addition, the CYBRScore Assessment Report identifies strengths and weaknesses which will allow each candidate to continue to build on the foundation that they received as part of the training.

WEEK	TRAINING	LOCATION
1	Linux Familiarization (non IT professionals only)	Germantown, MD
2	Sec Fund/Win Familiarization (non IT professionals only)	Germantown, MD
3	Self Study	
4	Protocol Analysis	Germantown, MD
5	Intrusion Detection	Germantown, MD
6	Incident Handling	Germantown, MD
7	Self Study	
8	Network Defense / Network Attack	Germantown, MD
9	Network Attack / Practical Exercises	Germantown, MD
10	Self Study	
11	Capture The Flag / Refresher / CYBRScore Assessments	Germantown, MD
12	King of the Hill / Refresher / CYBRScore Assessments	Germantown, MD

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About CYBRScore®

Comtech Mission Critical Technologies (Comtech MCT) provides cybersecurity solutions and services tailored to training and workforce development. The CYBRScore® product portfolio was created by a team of former National Intelligence Community members who all possess the necessary hands-on, practical cybersecurity experience and abilities required to meet the needs of our demanding customer base. Our experts share the intellectual curiosity to constantly ask the 'why' and 'how' as they develop and deliver truly unique products and services to help close the growing cybersecurity skills gap. The Comtech MCT CYBRScore® offerings include off-the-shelf and custom training, hands-on skills labs, and competency-based assessments mapped to cybersecurity job roles.