IMMERSIVELABS

FACT SHEET

MAPPING AND MEASURING SKILLS ALIGNED TO MITRE ATT&CK® WITH IMMERSIVE LABS

When it comes to guidance on building detection and response programs, MITRE ATT&CK® trumps traditional frameworks such as the Diamond Model, which lacks technical depth, and Lockheed Martin's Cyber Kill Chain, which offers little from the attacker's perspective. MITRE ATT&CK has a strong adversarial focus, helping teams stay at pace with hackers.

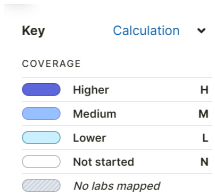
Immersive Labs is packed with cyber exercises and upskilling content mapped directly to tactics and techniques in the ATT&CK framework. As individuals and teams complete relevant exercises, our ATT&CK heat map will show you where coverage is strong and where improvement is needed.

Unlike defenders who must secure their entire surface of attack, hackers need to find just one weakness to penetrate a network. This first-mover advantage means that, historically, attackers have had control. However, ATT&CK levels the playing field with its numerous tactics, techniques and procedures (TTPs), which are based on real-world observation.

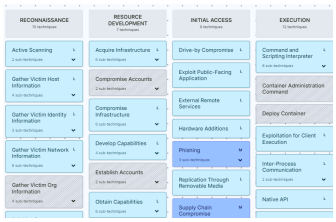
Thanks to this basis in real life, ATT&CK provides unrivaled detail regarding the ways threat actors can run an attack, starting with the initial access phase. It organizes the building blocks of an attack so that organizations can visualize exactly what adversaries could achieve on their network, making it easier to put relevant defenses in place. So, when a business identifies an attacker on its network, it has a ready-made list of responses for mitigation – meaning less time wasted filling in gaps.

An understanding of capabilities across all security functions brings invaluable insights in some key areas:

1. In the event of an incident, you'll be able to identify individuals with the right skills to respond as the situation unfolds.



2. Visualizing skill levels will help you measure and communicate improving areas of coverage as well as those that require investment.



3. TTP-aligned content simulations will see teams and individuals strategically upskilling.