SIGHTINGS ECOSYSTEM

A DATA-DRIVEN ANALYSIS OF ATT&CK IN THE WILD

Received 6m+ Sightings, pared down to 1.1m after normalizing data, across 184 unique techniques observed between April 2019 and July 2021.

2019 - 2021
APRIL JULY

6M+
SIGHTINGS

1.1M
NORMALIZED SIGHTINGS

184
UNIQUE TECHNIQUES

COMMON ADVERSARY BEHAVIORS

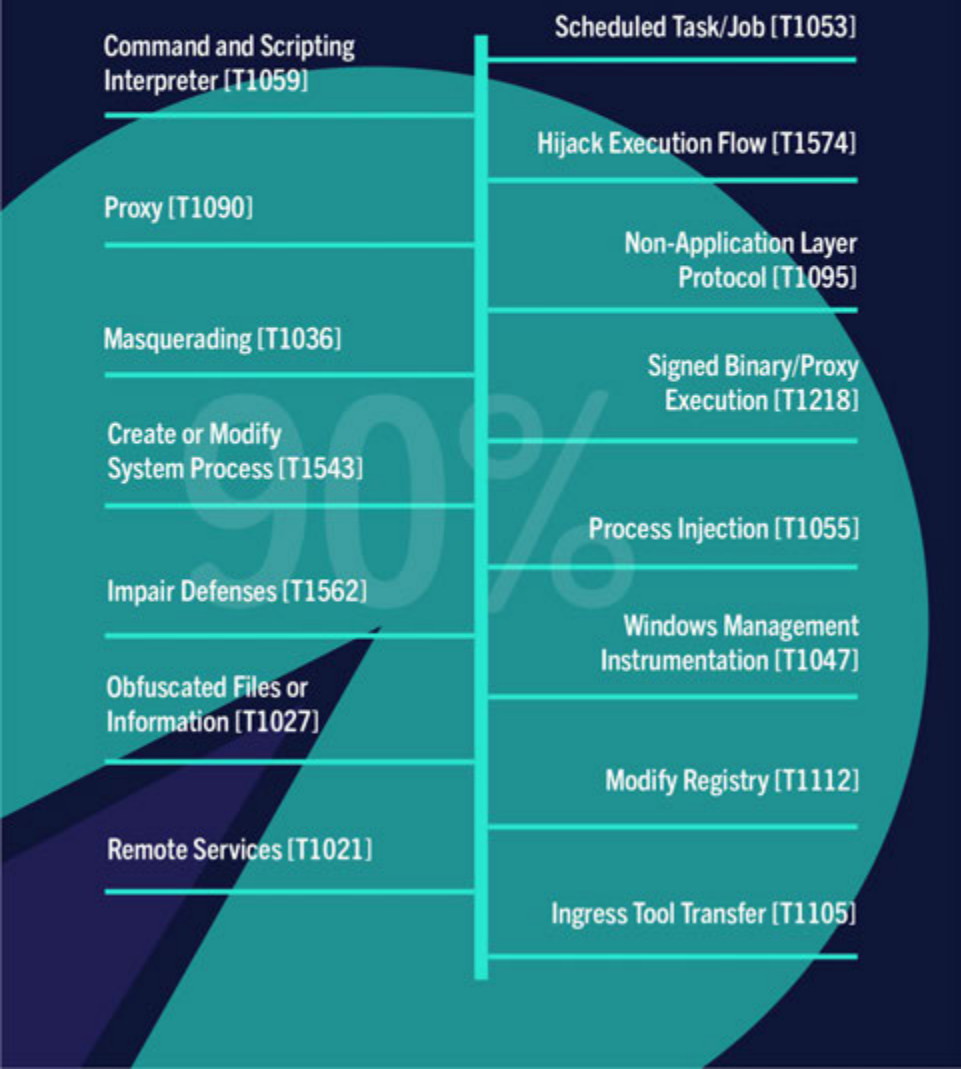
Which techniques adversaries use

How their use changes over time

How adversaries use techniques together

15 TECHNIQUES

made up 90% of the observed techniques from April 2019 - July 2021. Most of these techniques abuse legitimate system tools.



10 NIST 800-53 CONTROLS

provide the coverage for the most observed techniques

1. SI-4 System Monitoring
2. CM-6 Configuration Settings
3. CM-2 Baseline Configuration
4. CM-7 Least Functionality
5. AC-3 Access Enforcement
6. AC-6 Least Privilege
7. AC-2 Account Management
8. AC-5 Separation of Duties
9. CM-5 Access Restrictions for Change
10. IA-2 Identification and Authentication (Organizational Users)