NTT

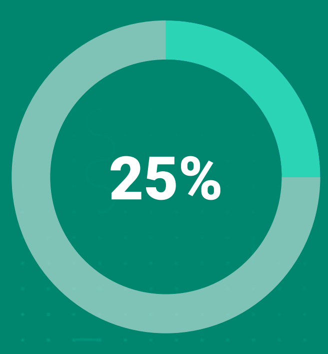
2020 Global Threat Intelligence Report

The nature of cybersecurity: Be resilient to thrive

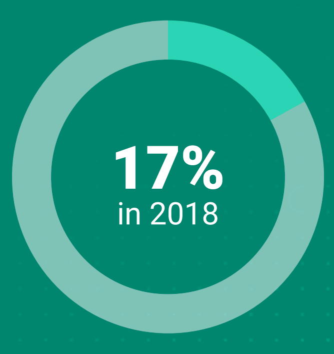
The threat landscape is **continuously changing,** especially during these tumultuous times. In such a **dynamic environment,** and with absolute security as an impossible goal, businesses **must be ready for anything.**

A gap still exists between current levels of attainment **and the expectations of several industries.**

Technology remains at the top of the list of most-attacked industries.



compared to



Businesses must strive to be both **secure by design** and **cyber-resilient.**

Explore our 6 **key data-driven** insights

1 Threat actors are innovating

The most common techniques observed globally were remote code execution **(15%)** and injection **(14%)** attacks.

2 IoT weaponization

Botnets such as **Mirai, IoTroop (Mirai variant)** and Echobot have advanced in automation, improving their propagation capabilities.

3 Old vulnerabilities remain an active target

Organizations are not following **patch-management** best practices.

Apache software was the **third-most targeted** in 2019, accounting for over **15%** of all attacks.

4 Content management systems (CMSs) are at risk

About **20%** of all attacks **targeted CMS platforms** over the last year.

Nearly **55%** of all attacks were **application-specific (33%) and web-application (22%) attacks.**

5 Evolution of governance, risk and compliance (GRC)

2019 was a year of enforcement … but GRC is becoming more complex and challenging to navigate.

New regulations are being implemented or are coming soon.

6 Shift in sector targeting

Technology was the most attacked industry accounting for **25% of all attacks** (versus 17% last year).

Government sector targeting driven by geo-political activity at **16% (versus 9% last year).**

Industry hotspots

There's a gap between current levels of attainment and the expectations of several industries.

The difference between current and target state is one driven by aspiration, where they need to be.

Many business drivers, including cost, compliance and resources may result in achieving less than the desired goals.

In order to close the gap, **each of these industries must ensure a constant focus is placed on:**

Maturity of processes

The correct tools

Executive support

About the Report

Contains **global attack data** gathered from NTT Ltd. and supported operating companies from **1 October 2018 to 31 September 2019.**

Analysis is based on log, event, attack, incident and vulnerability data from:

More than **4000 security clients** on **six continents**

Over 150 Cybersecurity Advisory assessments

10 SOCs

7 R&D centers

Global Threat Intelligence Platform

Speak to our experts

Our cybersecurity experts can help you understand your current risk profile to chart your future security strategy, and help to manage, monitor and optimize your security posture.

Find out more about our Intelligent Cybersecurity solutions and services

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