



NTT



Intelligent cybersecurity trends in 2020

Automation and orchestration are the **watchwords for 2020: security orchestration, automation, and response (SOAR)** will be the **hottest area in cybersecurity** in the year to come.

For more on Future Disrupted: 2020 technology trends, click here

1

SOAR rockets to the moon

Attacks happen at machine speed and need machine-speed responses



Steps to take in 2020

Embed intelligence into infrastructure and applications

75% of threats detected in our SOC are by supervised machine learning and threat intelligence.

Use algorithms to recognize patterns, identify anomalies, and automatically orchestrate security controls.

2

Security goes to the cloud

Moving to the cloud? Know the risks



Steps to take in 2020

Test your security posture across all types of infrastructure

Attacks on critical infrastructure are one of the top five issues facing businesses today.

NTT Security Risk:Value Report 2019

Work with a security vendor that can help you manage security from the data center to the edge.

3

Hyperscaler patterns continue to be elusive

When it comes to hyperscalers, one of these things is not like the other



Steps to take in 2020

Apply intelligence to security around applications and workloads

We analyze 19.6 billion security events every day to find the needle in the haystack.

Partner with us to get the intelligence you need to respond to breaches faster.

4

Applications are the new attack vector

Applications are quickly becoming the easiest way to compromise data



Steps to take in 2020

Run regular hygiene checks

Application-specific and web-application attacks accounted for over 32% hostile traffic, making them the top category of hostile activity.

NTT Security 2019 Global Threat Intelligence Report

Evaluate the security hygiene of applications regularly and apply the necessary patches.

5

Identity is being redefined

It's not only human identities that need security controls



Steps to take in 2020

Identify and secure humans, machines and applications

The identity of a digital twin will be just as important to secure, as this is where attackers will focus next.

Monitor their behaviour to identify anomalies that indicate a security threat.