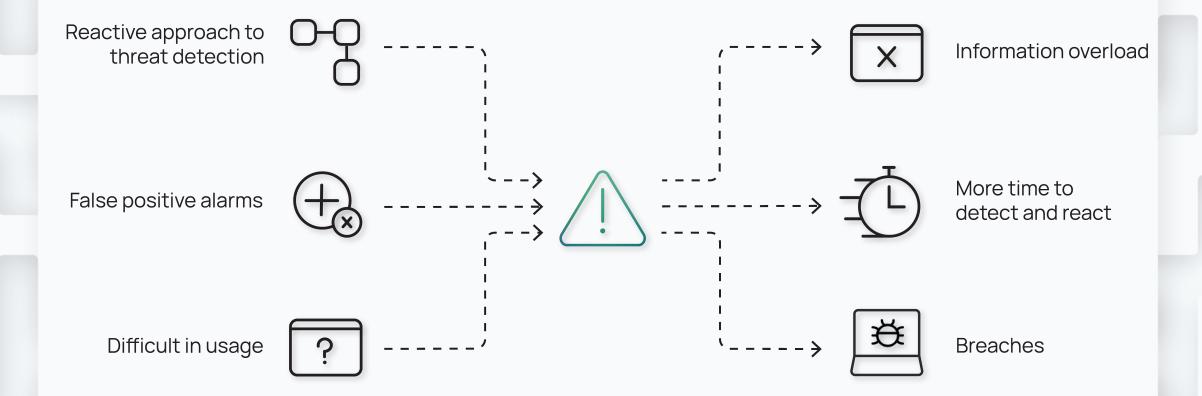
Labyrinth Deception Platform

Customer Presentation

Choose innovation. Choose proactive defence. Choose Deception Technology



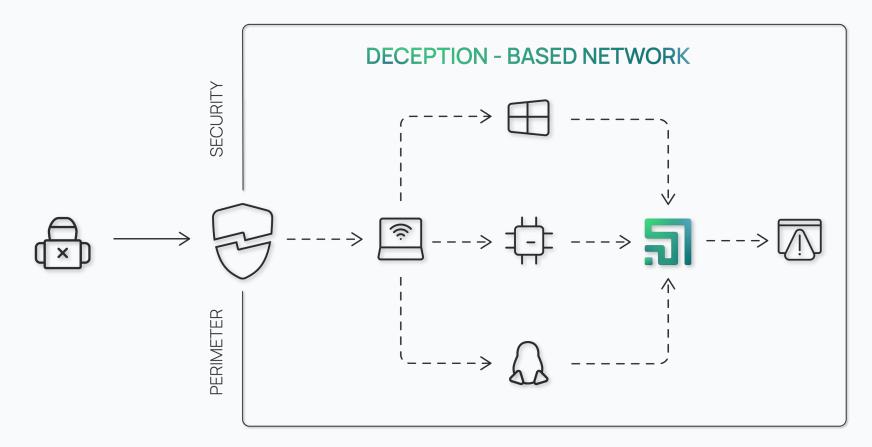
Cybersecurity challenge



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Deception-based threat detection

The Labyrinth Deception Platform is changing the cybersecurity paradigm by taking a proactive approach to threat detection.



ภLABYRINTH

Business values



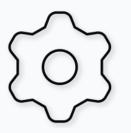
Stops sophisticated threats

Detects targeted and advanced attacks without requiring prior knowledge of the threat's form, type, or behavior.



Zero impact on performance

No negative impact on the performance of network devices, hosts, servers, or applications behavior.



Simple implementation

Quick and easy deployment with no system conflicts and minimal maintenance: no databases, signatures, or rules to configure and update.



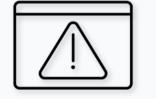
Operation costs reduction of by 30%*

Doesn't collect tons of data, doesn't generate false positive alerts, doesn't require special skills to operate.



Technical support 12/7

Upgrades, software maintenance and technical support 12/7 (GMT+2) included in the subscription price.



Incident response automation

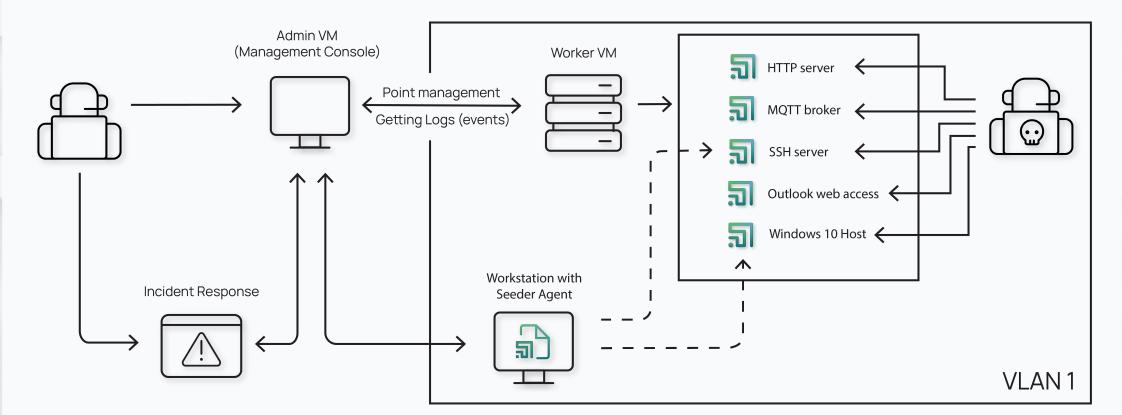
Speeds up incident response by reducing the average time to detection and response (MTTD, MTTR) by up to 12** times.

* https://www.enterprisemanagement.com/news/press_release.php?p_id=2659

** https://www.bloomberg.com/press-releases/2020-09-14/cyber-deception-reduces-data-breach-costs-by-over-51-and-soc-inefficiencies-by-32

Labyrinth Deception Platform

The platform creates vulnerable IT services and applications, increasing the attack surface and disorienting attackers. The Labyrinth provokes attackers to act, detects and tracks all their activities, and isolates them from the actual IT network.



Labyrinth's components



Admin VM (Management Console)

All information collected at the Points is forwarded to the Management Console for incident analysis and response.



Worker VM

The Worker VM is the host that hosts all the Points in Labyrinth. It can operate in multiple VLANs simultaneously.



Point

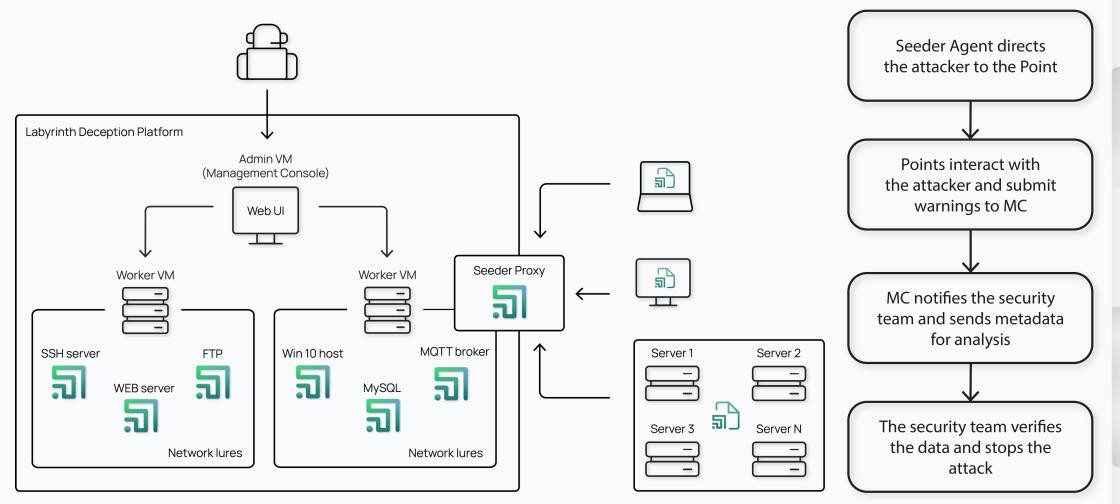
Points simulate applications and services in a real-world IT environment and interact with attackers, keeping them inside the Labyrinth.



Host with Seeder Agent

Agents are deployed on real hosts and distribute attractive artifacts to them. The artifacts used by attackers direct them to Points.

Solution architecture

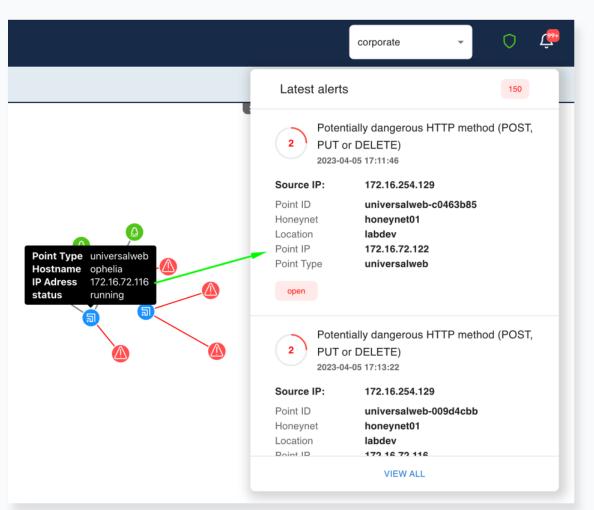


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Universal Web Point

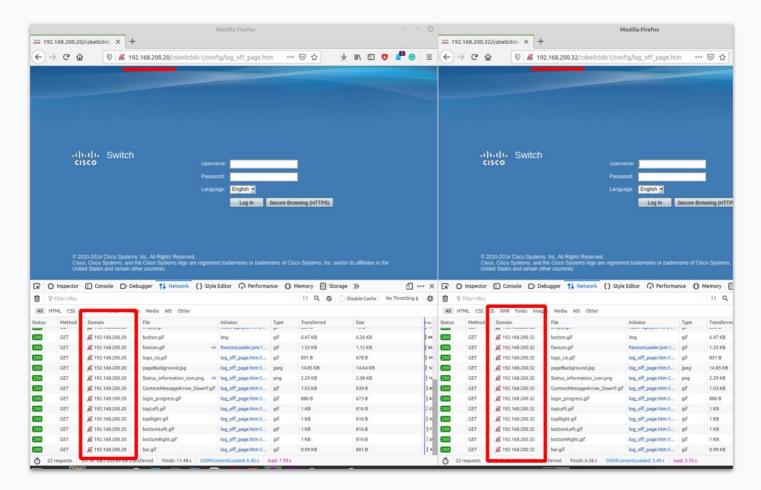
Attackers most often use web application vulnerabilities to hack into corporate networks.

Labyrinth has implemented a unique technology that provides additional protection for the most used targets by hackers - web applications and services.



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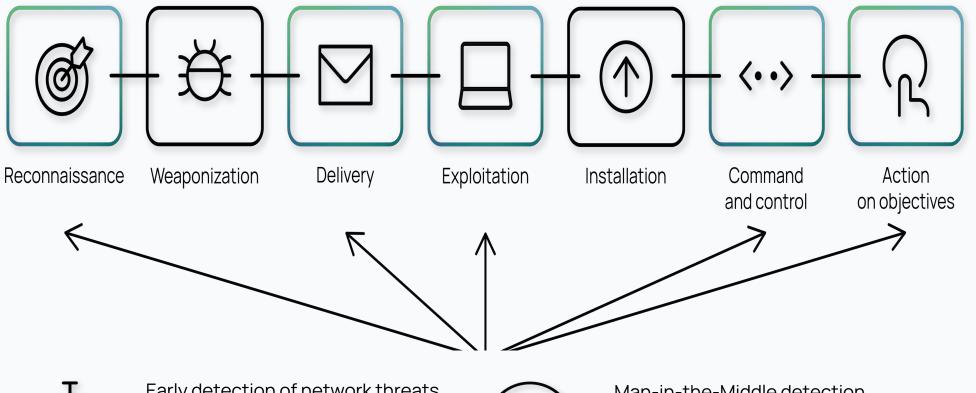
Universal Web Point

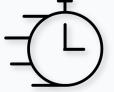


Labyrinth automatically detects all web applications on the network and creates Universal Web Points that mimic the detected applications and embed additional vulnerabilities in them to make them more attractive to attackers.

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Use cases





Early detection of network threats Proactive protection Targeted attack detection Reduced Dwell Time



Man-in-the-Middle detection Lateral Movement identification Rapid response to incidents Incident investigation

Use case scenario: stolen credentials

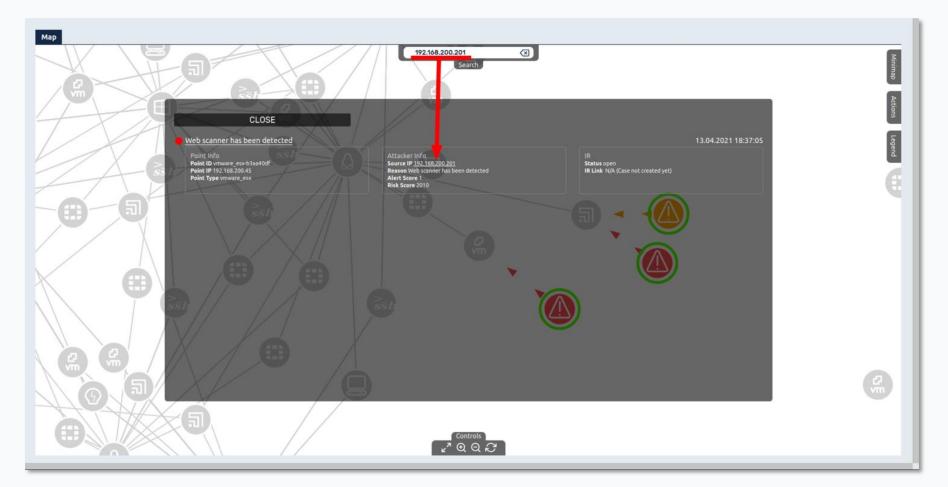
The authenticity of host '172.16.66.100 (172.1 RSA key fingerprint is SHA256:P+IN8hlhmCTYfVzd This key is not known by any other names Are you sure you want to continue connecting (Warning: Permanently added '172.16.66.100' (RS Luat_test3@172.16.66.100's password:	6.66.100)' can't be o yuJrZIxxf6i+bIjH/uAJ(yes/no/[fingerprint]]	DzTd5M8.)? yes		1			
The programs included with the Debian GNU/Line the exact distribution terms for each program individual files in /usr/share/doc/*/copyrigh Debian GNU/Linux comes with ABSOLUTELY NO WAR permitted by applicable law.	02.01.2023 22:17:50	Status: open Alert Score: 1 Risk Score: 484 Attacker lp: 172.16.254.8	Point ID: sshd-b2e17d78 Point IP: 172.16.66.100 Point Type: sshd	Alert reason Connection to sshd port detected Alert source: Logs client_ip: 172.16.254.8			
[uat_test3@thalassa:~\$ whoami uat_test3 uat_test3@thalassa:~\$		Status: open Alert Score: 4 Risk Score: 482 Attacker Ip: 172.16.254.8	Point ID: sshd-b2e17d78 Point IP: 172.16.66.100 Point Type: sshd	Alert reason: sshd successful login detected Alert source: Logs Password: anders Username: uat_test3 client_ip: 172.16.254.8			
	02.01.2023	Comments No comments found Events related to the Alert					
J	22:17:57	Timestamp 2023-01-0	2 22:18:12. Message CMD: whoami.				
		Timestamp 2023-01-02 22:17:57. Name LC_CTYPE. Message request_env: LC_CTYPE=UTF-8. Timestamp 2023-01-02 22:17:57. Username uat_test3. Message login attempt [uat_test3/anders] succeeded.					
		Timestamp 2023-01-0					
		Timestamp 2023-01-0	2 22:17:57. Message Terminal Size: 15	8 45.			

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Use case scenario: network scanning

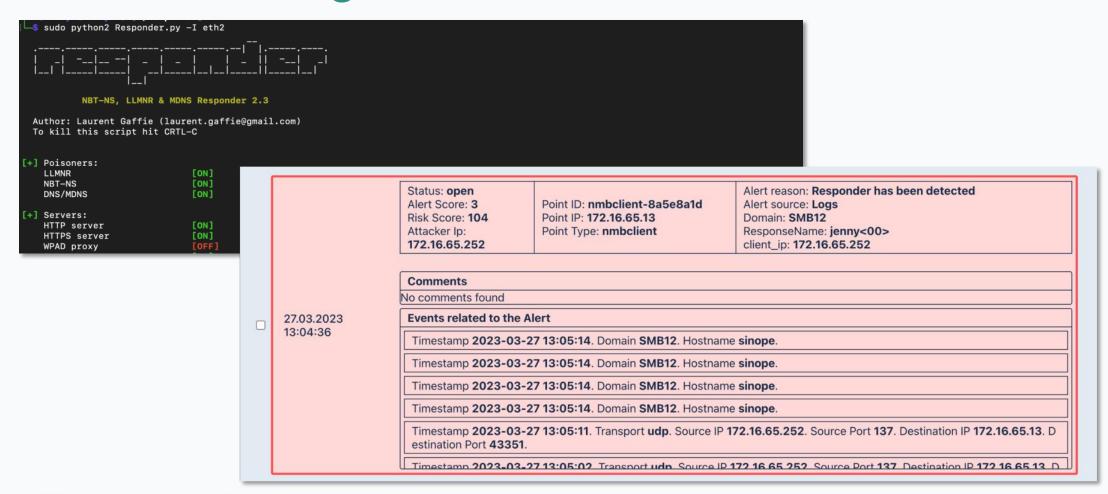
		Status: open Alert Score: 2 Risk Score: 297 Attacker lp: 172.16.254.8	Point ID: ftpd-04a39433 Point IP: 172.16.4.140 Point Type: ftp_ed7	Alert reason: Port T4) Alert source: Logs DestinationPort: 2		ed (TCP SYN	N, e.g. nmap -sS -		
	ļ	Comments No comments found							
	10.08.2023	Events related to the Al	ert		-		~ % nmap 172.1	.6.4.140	
	14:22:54	Destination Port 425 . TCP Flags SYN .			Starting Nmap 7.93 (https://nmap.org) at 2023-08-10 14:22 EEST Nmap scan report for 172.16.4.140 Host is up (0.0064s latency).				
		Timestamp 2023-08-1 Destination Port 20221 .	0 14:22:58 . Transport tcp . Source IP 1 . . TCP Flags SYN .	72.16.254.8. Source	Not shown PORT	: 987 clo STATE	sed tcp ports (c SERVICE	onn-refused)	
		Timestamp 2023-08-1 Destination Port 687 . To	0 14:22:58 . Transport tcp . Source IP 1 . CP Flags SYN .	72.16.254.8. Source	21/tcp 22/tcp 88/tcp	open filtered filtered	ftp ssh kerberos-sec		
		Timestamp 2023-08-1 Destination Port 1055 .	0 14:22:58 . Transport tcp . Source IP 1 . TCP Flags SYN .	72.16.254.8. Source	443/tcp 1024/tcp		kdm		
-					1056/tcp 1123/tcp				
					1145/tcp				
					1935/tcp				
					2605/tcp 3551/tcp	filtered			
						filtered			
					50389/tcp	filtered	unknown		
					Nman done	• 1 TP ad	dress (1 host un) scanned in 16.53 seconds	

Use case scenario: web scanning



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Use case scenario: detecting MITM



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remote-office

Multitenancy

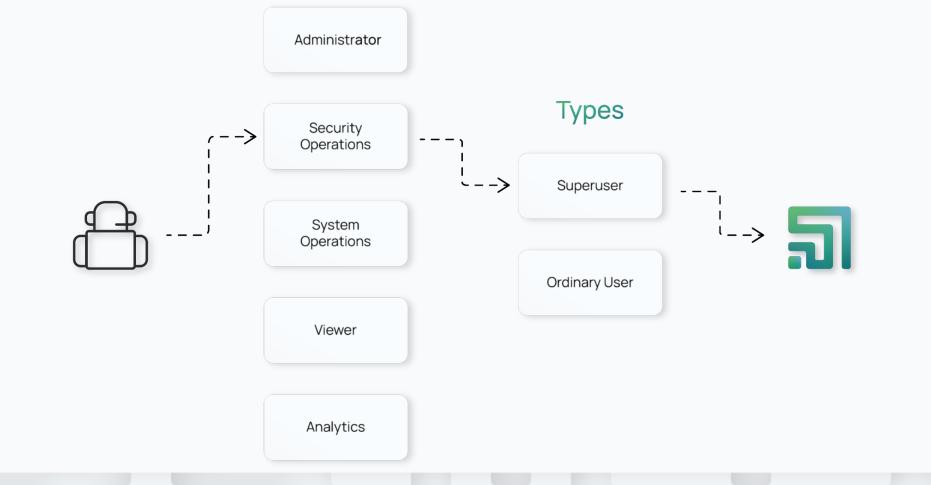
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Dashboard	Tenant list						
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Seeder Agents	ADD						
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ဝှိ License	remote-office	0/10	0/100	2			
	main-office	3/47	8/300	<i>∠</i> ⊕			

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RBAC: system users

Roles



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Integrations









State	Name	Edit
0	CrowdStrike	R
0	Cuckoo Sandbox	R
0	Fortigate	R
0	Microsoft Teams Notifications	R
©	IBM-Qradar	R
©	Slack Notification	R
0	SMTP Notification	R
0	Splunk	R
0	SIEM Integration (Syslog forwarder)	R
0	TheHive	R

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Labyrinth is a team of experienced cybersecurity engineers and penetration testers, which specializes in the development of solutions for early cyber threat detection and prevention.

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Labyrinth Development



https://labyrinth.tech

Labyrinth Deception Platform



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