



Advance Your Attack Surface Management

Achieve strategic risk management through contextual analysis

Your assets are everywhere. So are your tools. appNovi seamlessly integrates with your existing security stack, efficiently transforming raw data from multiple sources into actionable intelligence in a centralized place. Our Cyber Asset Attack Surface Management solution offers unparalleled asset discovery and contextual analysis to provide security teams with an authoritative source of security data. Understanding your assets and their interconnectedness within the enterprise network enhances operational efficiency, minimizes incident resolution time, and optimizes resource allocation by providing a clearer view of network exposure and asset vulnerabilities.

The Challenge

Cybersecurity teams have a responsibility to defend the network from attacks and identify and respond to incidents to resolve threats. Compelled by security alerts from different security tools, security analysts must gather all of the appropriate data to make informed decisions. However the effort to find, manually aggregate, and review data from your network and security tool data lakes obligates an incredible amount of time of each analyst. Without effective contextual correlation across datasets (and data lakes), the trustworthiness of data is low, security analysts' efficacy is heavily impeded, prioritization isn't specific to the business, and the resolution of security incidents is often partial or unable to complete due to uncertainty.

The result for large complex networks is inefficiency and ineffectiveness of remediation of risk.



Why appNovi

Search for anything... (e.g. IP Address, Virtual Machine, CVE...) Press enter to add to workspace, ctrl+enter to clear workspace first
vm-180000876641772

Tabular View

Search Components SELECTION WORKSPACE EXPORT TO CSV

Name	Type	Source
vm-180000876641772	VMware VM	Rapid7,SentinelOne,tenable.io,vCenter,DemoDBTRotate

Data

ServiceNow

owner
Homer Simpson

Rapid7

Vulnerabilities

critical	12
exploits	25
malwareKits	1
moderate	4
severe	14
total	56

Risk Score
5600

RAPID7

SentinelOne

activeThreats
0

domain
global

groupName
VMware S1 Agents

infected
False

isUpToDate
Updated

lastActiveDate
~13 minutes ago

lastLoggedInUserName

tenable

aci
50

ag
23

exl
64

firs
2/r

firs
2/r

ha
Tr

las

appNovi excels at identifying your attack surface and assets, while effectively mapping their connectivity within the network.

You've already invested time and effort in your existing security stack – appNovi connects them all without agents or scanners. Our data convergence provides a comprehensive asset inventory, delivers actionable insights in minutes, and enables security policy enforcement.

Data-enriched attack surface mapping enables enterprise-wide risk detection, and vulnerability prioritization based on business impact, while data accessibility ensures efficient non-disruptive incident response. appNovi's intuitive platform makes security accessible across all levels of experience by abstracting security specializations.

Key Outcomes:

- Maintained asset inventories
- Security control verification
- Context-based vulnerability prioritization
- Security policy enforcement
- Attack surface reduction

Benefits:

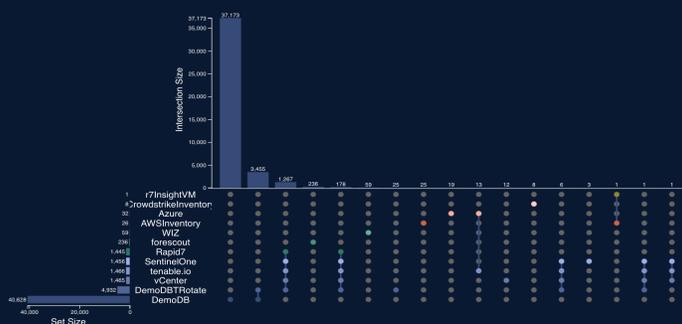
- Simplified access to data
- Assurance of endpoint agent coverage
- Continuous compliance assessments
- Reduced costs



Attack Surface Identification and Mapping

CIS Core Security Control 1 Servers

Source Distribution



CIS Core Security Control 1 Servers

42482

Servers with missing security controls connected to Public

23

Security Events on Unmonitored CS Servers

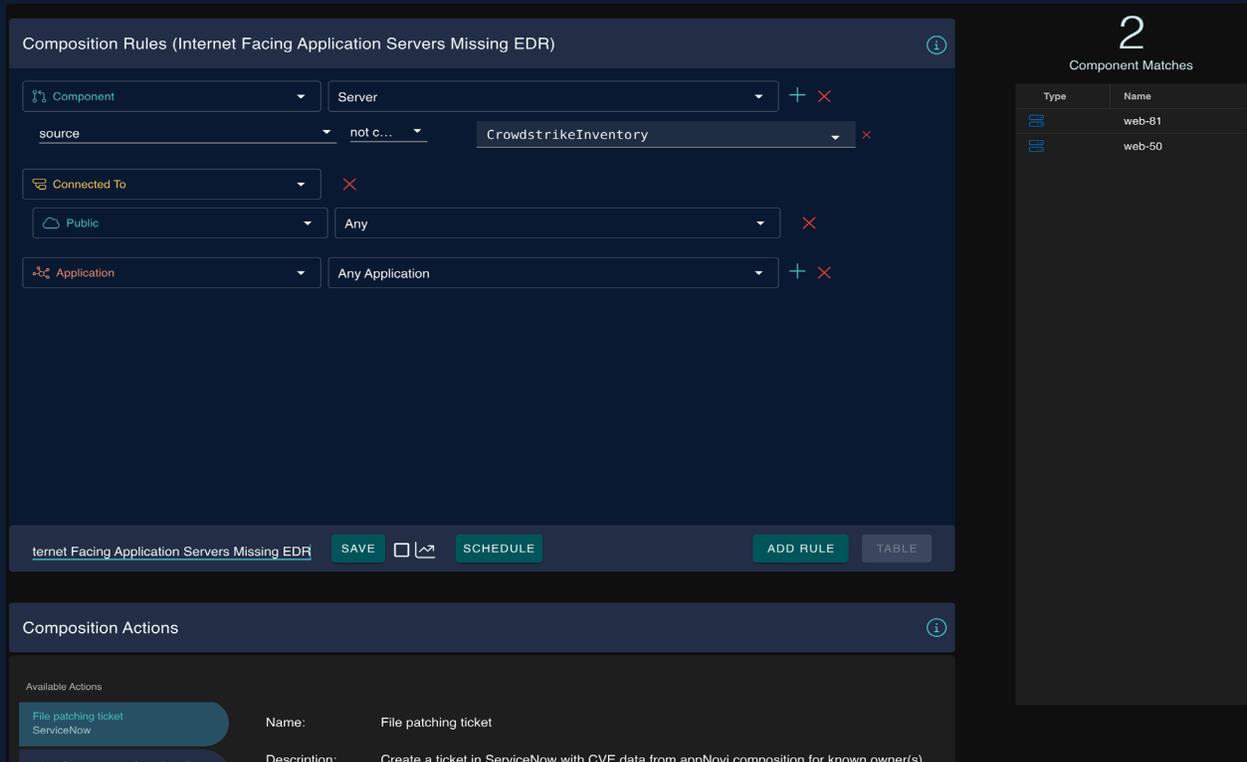
1



appNovi’s innovative approach to Cyber Asset Attack Surface Management provides a comprehensive model for attack surface discovery, mapping, and reduction. It integrates network, asset, user, vulnerability, and security alerts to offer a clear understanding of threats, and business impacts, to deliver a source of truth to security and stakeholders for effective decision-making.

Networks consist of different environments with different tools and teams monitoring them – appNovi integrates all of them to provide a unified view of your environment by mapping it from the inside out.

Vulnerability Management



The screenshot displays the appNovi interface for configuring a composition rule. The rule is titled "Composition Rules (Internet Facing Application Servers Missing EDR)". The configuration includes several criteria:

- Component:** Server
- source:** not c... (with a dropdown arrow)
- Connected To:** Connected To (with a dropdown arrow and a red X)
- Public:** Public (with a dropdown arrow) and Any (with a dropdown arrow and a red X)
- Application:** Any Application (with a dropdown arrow and a red X)

At the bottom of the rule configuration, there are buttons for "SAVE", "SCHEDULE", "ADD RULE", and "TABLE".

On the right side, there is a "Component Matches" section showing 2 matches:

Type	Name
web	web-81
web	web-50

Below the rule configuration, there is a "Composition Actions" section. It shows an available action: "File patching ticket ServiceNow". The action details are:

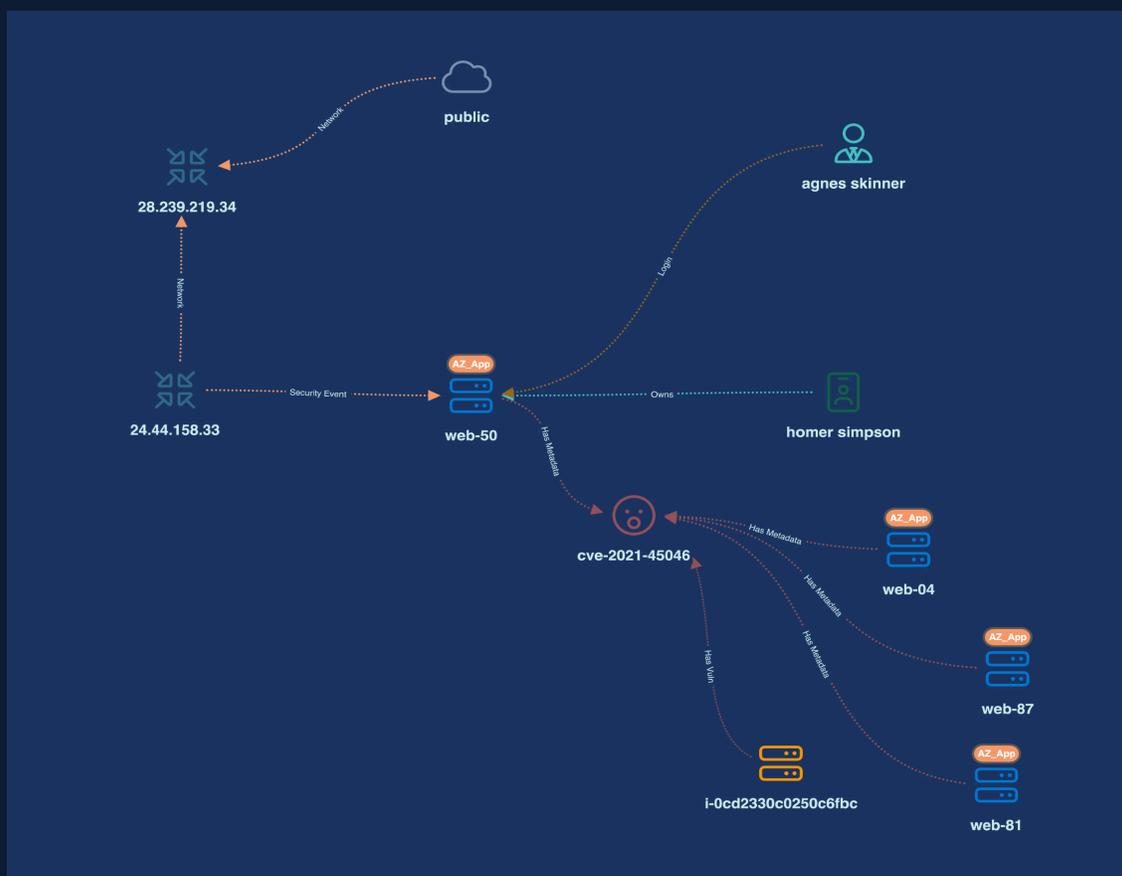
- Name:** File patching ticket
- Description:** Create a ticket in ServiceNow with CVE data from appNovi composition for known owner(s)

appNovi's holistic view allows organizations to prioritize security measures based on actual risk, rather than just on siloed perspectives of assets.

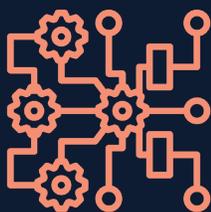


The authoritative source of data enables a more strategic approach to cybersecurity, focusing on the most critical vulnerabilities and potential attack paths, which is essential for effective risk management and incident response. appNovi correlates users to assets to improve remediation coordination and reduce escalations or wait times.

Incident Response



appNovi provides an immediate understanding of an attack's blast radius and insights for actionable strategies to mitigate risk. This approach streamlines analysis, enhances mitigation and remediation understanding, and drives efficient resolution of security incidents. When an alert warrants investigation, security teams can interrogate and explore their data. It's as simple as specifying a point in time – appNovi visually renders the steps taken by an adversary to reduce analysis and ensure clear communication and support collaboration.





appNovi Technology Partners

Integrate the security stack to gain a holistic picture of your security

appNovi integrates the existing security stack to provide a complete and authoritative source of data. Security teams use appNovi to automatically maintain cyber asset inventories including infrastructure, devices, users, applications, code, and more. The converged data set enables security agent gap analysis, vulnerability prioritization, and optimized incident response.

