

# HOST SERVER DATASHEET

## Detect Vulnerabilities And Reduce Time To Fix Issues Wherever They Appear

Cyber security teams are fighting against resource shortages and increasing amounts of data to analyse and validate on a daily basis. Accuracy and availability of this data is paramount to succeeding in keeping organisations' digital assets protected from bad actors. Within the area of vulnerability management, the majority of cyber security professionals struggle with the problem of inaccurate, noisy output from tools that are not curated or managed correctly. This leads to a resource crunch across all areas of cyber security teams, as they spend much of their time sifting through false-positives, and white-noise that is not relevant to their systems or their most critical assets.

## Edgescan Network Vulnerability Management

Edgescan is a cloud based, vulnerability management service. As a fullstack service, Edgescan provides vulnerability management services at the Application layer and across ICT networks whether cloud-based or on prem. The as-a-service model means Edgescan offers highly accurate and continuous vulnerability intelligence for today's enterprise networks.

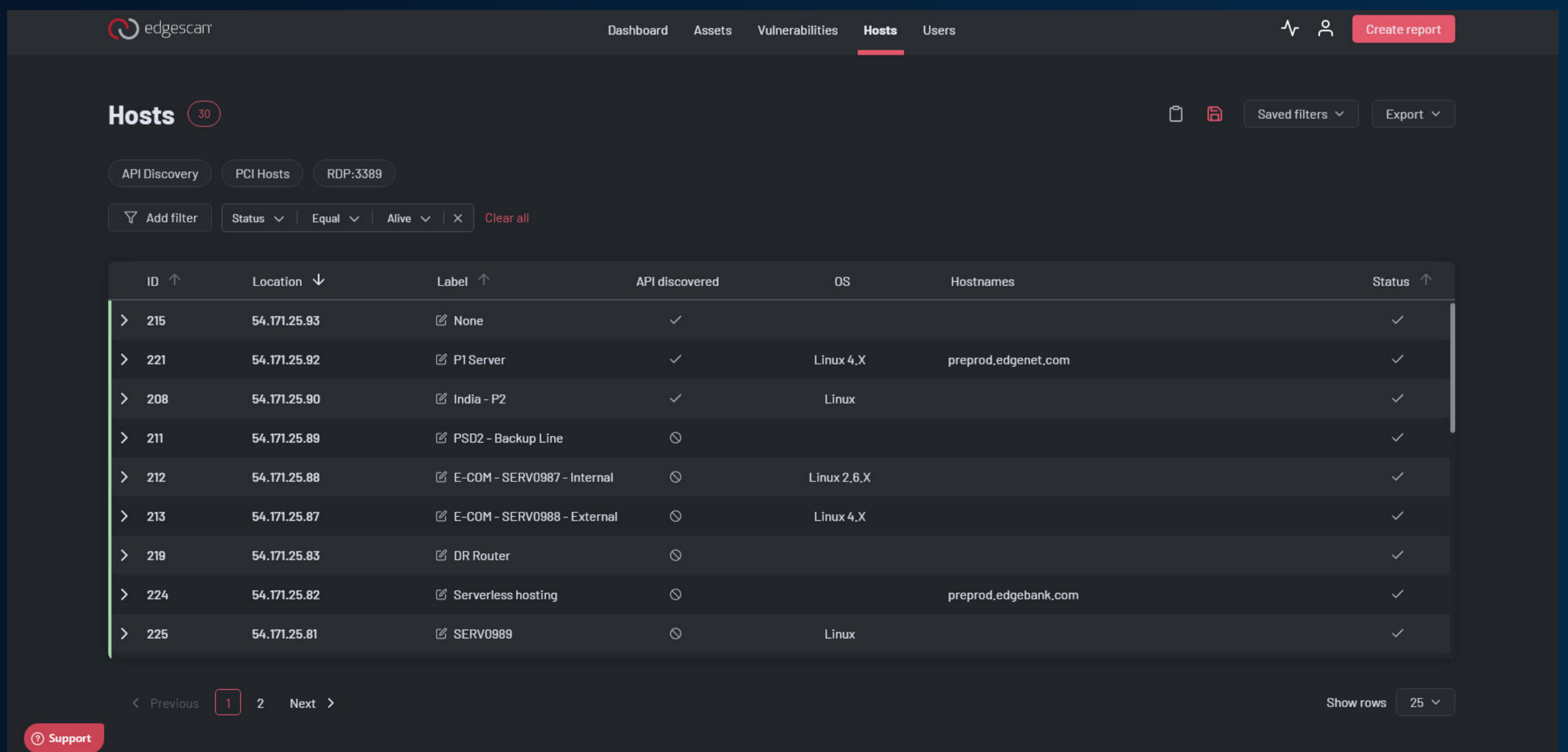
This is achieved using our multi-faceted hybrid approach. Seasoned penetration testers manage the automated assessments using a combination of in-house developed, commercial and opensource tooling. All assessment results are validated and risk prioritised. This means clean accurate vulnerabilities that can be fixed fast. Through the use of Edgescan advanced, manual penetration testing is conducted to test functionality that automated scanners will never find.

## Edgescan Host/Server

The Edgescan host/server license can be used to manage both internal and external network assets. Internal network assets are accessed by the Edgescan service through the Edgescan cloud control jump box.

The Edgescan service gives the ability to identify, manage and fix issues such as missing patches, software flaws, and misconfigurations, across a variety of operating systems and devices. Using a variety of custom scripts, applications and tools, we help ensure our clients get the coverage and depth needed. We validate for all known CVE's (known vulnerabilities) to help users understand what risks are faced. The CVE's tested for are listed in the following NIST NVD database.

<https://nvd.nist.gov>



The screenshot shows the Edgescan web interface for managing hosts. The top navigation bar includes 'Dashboard', 'Assets', 'Vulnerabilities', 'Hosts' (active), and 'Users'. A 'Create report' button is visible in the top right. The main section is titled 'Hosts' with a count of 30. Below the title are filter buttons for 'API Discovery', 'PCI Hosts', and 'RDP:3389'. A filter bar shows 'Status' set to 'Equal' and 'Alive'. A table lists host details:

ID	Location	Label	API discovered	OS	Hostnames	Status
215	54.171.25.93	None	✓			✓
221	54.171.25.92	P1 Server	✓	Linux 4,X	preprod.edgenet.com	✓
208	54.171.25.90	India - P2	✓	Linux		✓
211	54.171.25.89	PSD2 - Backup Line	⊗			✓
212	54.171.25.88	E-COM - SERV0987 - Internal	⊗	Linux 2.6.X		✓
213	54.171.25.87	E-COM - SERV0988 - External	⊗	Linux 4,X		✓
219	54.171.25.83	DR Router	⊗			✓
224	54.171.25.82	Serverless hosting	⊗		preprod.edgebank.com	✓
225	54.171.25.81	SERV0989	⊗	Linux		✓

At the bottom, there are navigation controls for 'Previous', '1', '2', 'Next', and a 'Show rows' dropdown set to 25. A 'Support' button is located in the bottom left corner.

## Key Features

-  **Continuous Asset Profiling:** Provides real-time visibility & intelligent alerting of the exposed infrastructure estate. Discovery of Anonymous connections and endpoints, e.g. Rogue Infrastructure, ports, and exposed API endpoints across client's IP Range.
-  **Manual Vulnerability Verification:** Every vulnerability is manually checked for accuracy and validity by a certified penetration tester.
-  **Risk Prioritization:** Edgescan vulnerability experts apply a risk prioritization score to each vulnerability, so users know what to fix first.
-  **Continuous & On-Demand Assessments:** The Edgescan service provides unlimited 'all-you-can-eat' on-demand or scheduled assessments as required.
-  **Outcome based Reporting & Alerting:** Edgescan offers the ability to report on-demand, as often as required. It is flexible so reporting can be carried out on any asset, any vulnerability, across any timeframe. This coupled with the automated event notification feature means an important finding is never missed from client's vulnerability management programme.
-  **API integration:** The Edgescan service allows integration with ticketing systems, bug tracking systems, SIEM technology and many other security and business operating systems. Our development team are available to fully support client's on a successful integration journey.
-  **Host layer scanning** of Mobile backend security / hosting infrastructure
-  **Edgescan Security & Threat Advisory Alerting:** The Edgescan team of expert's alert clients to new vulnerabilities, and Zero Day exploits as they arise.
-  **Multi-region cloud scanning** in AWS to identify unused and rogue devices.
-  **System patch weakness detection:** Integration into patch management using the Edgescan API.
-  **VoIP service scanning and infrastructure testing:** Scanning by hostname for improved correlation & visibility of internal network scanning.
-  **Fullstack vulnerability management** means we assess Application server Known Vulnerabilities across all popular frameworks and technologies, e.g. WordPress, Node-JS etc.
-  **PCI-DSS Approved Scanning Vendor (ASV):** Edgescan is an approved scanning vendor for PCI-DSS, and gives the ability to generate on-demand ASV reports.
-  **Best of Breed Scanning Technology:** Scanning coverage for thousands of known vulnerabilities (over 130K CVE's). Twice daily updates to scanning engines.

## Benefits To Security Teams And Overall Bottom Line

- More accurate continuous vulnerability intelligence
- Less client resources required to dedicate to vulnerability management
- Consolidation of vulnerability assessment and security testing intelligence into one vendor and one platform
- 'Gold standard' support for security, developers and system admin teams.
- Reduction in total cost of ownership
- Increased productivity in other areas of IT security
- Immediate flexibility and scalability 'all-you-can-eat' assessment model
- Increased compliance, better mean time to fix vulnerabilities, reduced risk.



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