

# Recorded Future and LinkShadow

## PRODUCT OVERVIEW

LinkShadow, a next-generation cybersecurity analytics platform, is designed to manage threats in real-time with attacker behavioral analysis. LinkShadow's solution is tailored to organizations that are looking to enhance their defenses against advanced cyberattacks, zero-day malware and ransomware, while simultaneously helping organizations to gain rapid insight into the effectiveness of their existing security investment and risk posture.

LinkShadow's Machine Learning capabilities automates analysis and model building using algorithms that enable organizations to proactively search for advanced threats through big data. LinkShadow uses machine learning, statistical analysis, and other algorithms to baseline behavior of each and every single entity and user in the organization to know what is normal and what is not. This empowers security teams to gain maximum insight through multiple features catering to Behavioral Analytics, CXO Visibility, Security Synopsis, and Threat Hunting.

## JOINT INTEGRATION DESCRIPTION

LinkShadow integrates with Recorded Future to empower threat intelligence detection as part of an intelligence-driven defense. Recorded Future unlocks LinkShadow's capability to search for IoC's in real-time from the broadest set of open, closed, and technical sources to track various techniques that attackers use throughout the different stages of a cyberattack.

The Recorded Future integration with LinkShadow allows clients to ingest the Recorded Future collection of risk lists into LinkShadow threat detection system for correlation against client's network data to detect malicious traffic and generate findings for review, combined with other anomalous activities that increase the accuracy of detection and decrease remediation time.

Once matches are detected from the Recorded Future dataset, users are able to drill down into valuable information under shadow360, including the malicious traffic, its details, and activities before and after the incident.

## CHALLENGES OVERCOME THROUGH INTEGRATION

IOCs are usually relevant for short periods of time and limited to detecting existing threats as attackers continue to update their operations. Recorded Future connects the dots by providing context on the IoCs and the TTPs of adversaries to fully comprehend the threat landscape and make better use of the IoCs, improving the remediation time combined with the detections from LinkShadow Analytics Platform. This facilitates protection against advanced cyberattacks, zero-day malware, and ransomware, with rapid insight into the effectiveness of your existing security investments.

## USE CASES

By making Recorded Future data available in LinkShadow, you're able to:

- Detect and gain context on threats with real-time external intelligence
- Proactively block threats before they impact the business
- Prioritize security incidents and decrease the MTTR (mean-time-to-response)
- Hunt for threats across your network with speed, context, and efficiency.

## BENEFITS:

- Proactively block threats before they impact the business
- Prioritize security incidents and decrease the MTTR (mean-time-to-response)
- Hunt for threats across your network with speed, context, and efficiency

**LINKSHADOW**

LinkShadow Settings

- General Settings
- Device Setup
- Agent Management
- Backup / Reset
- License / Updates
- User Interface
- Custom Dashboard
- Integrations
- Configurations
- Whitelist / Blacklist
- Reports / Alerts
- Change Password
- User Management
- Device Diagnostics

Type	Hostname	Username
http_proxy	10.10.1.10:1080	

**Audit Logs**

Client ID

Tenant ID

Secret Key

Logs  
 Audit.AzureActiveDirectory  
 Audit.Exchange  
 Audit.SharePoint  
 Audit.General

**Submit**

**Submit**

**Recorded Future Integration**

**Add New**

Title

Address

Username

Password

Frequency  
 1 hour

Collection List (comma separated)

**Submit**

Title	Address	Frequency
recorded_future	https://api.recordedfuture.com/taxii	6hour

ThreatShadow

Keyword

Last 24 hours

ThreatFeed Anomalies

Clear Host Anomaly Type Threat Type Country Block Status

Host name	Anomaly Type	Last seen	Score
David-PC	suspicious	2019/10/01 13:34:51	21
2019/10/01 13:34:51	Blacklisted IP Detected		21
Blocked: NI	<ul style="list-style-type: none"> <li>Anomaly Type: suspicious</li> <li>Local IP: 172.16.172.50</li> <li>Local MAC: 04:8c:38:9c:80:ae</li> <li>Local Hostname: David-PC</li> <li>Local Port: 34346</li> <li>Direction: OUT</li> <li>Process: chrome.exe</li> <li>Remote IP: 51.77.245.181</li> <li>Remote MAC: 00:8c:9c:37:97:11</li> <li>Remote Port: 80</li> <li>AS Name: null</li> <li>AS Number: null</li> <li>Country: United Kingdom</li> <li>First blacklisted: 8/29/2015, 1:00:33 AM</li> </ul>		

31.77.245.181

David-PC

# Recorded Future®

## About Recorded Future

Recorded Future arms security teams with the only complete threat intelligence solution powered by patented machine learning to lower risk. Our technology automatically collects and analyzes information from an unrivaled breadth of sources and provides invaluable context in real time and packaged for human analysis or integration with security technologies.

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# LINKSHADOW®

Combat the Dark

## About LinkShadow

LinkShadow was built with the vision of enhancing organizations' defenses against advanced cyber-attacks, zero-day malware and ransomware, while simultaneously gaining rapid insight into the effectiveness of their existing security investments.