

Cyber Threat Advisory

RA World

Threat Actor Ransomware





High

Platforms

Windows & Linux

IMPACT

- Data Encryption
- Financial Loss
- Operational Disruption
- Reputation Damage
- Data Exfiltration
- Network Spread
- Recovery Costs
- Legal and Regulatory Consequences

Description

RA World Ransomware

RA World, formerly known as RA Group, is a notorious ransomware group that emerged in April 2023. This group primarily targets high-value sectors such as healthcare, financial services, and manufacturing in various countries, including the United States, Germany, India, and Taiwan.

RA World's attacks typically involve several stages to maximize their impact.

They begin by exploiting vulnerabilities in internet-facing servers to gain initial access. Next, they engage in credential dumping and lateral movement within the network using tools like PsExec and Impacket. Often, their attacks involve modifying Group Policy Objects (GPOs) to deploy malicious payloads across multiple machines, ensuring persistence and extensive reach within the victim's network.

Indicator of compromise

SHA-256

2a4e83ff1c48baa3d526d51d09782933cec6790d5fa8ccea07633826f378b18a
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SHA-1

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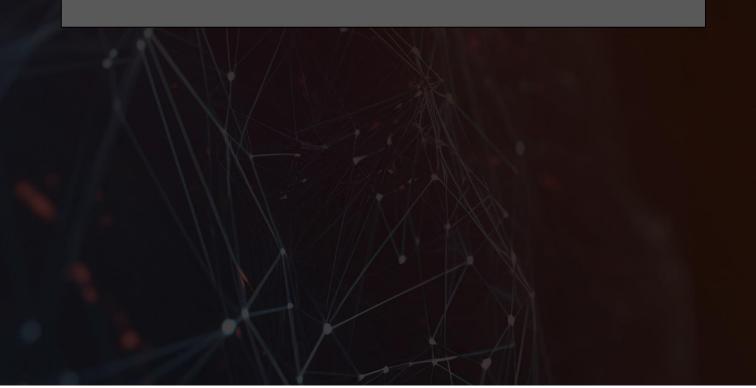
MD-5

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7eeacfb05675f1304f0b4daf81bd56de
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1799f8305930359699524757cbde2381
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Remediation

- 1. Regular Backups: Maintain up-to-date backups of critical data and systems. Ensure backups are stored securely and are accessible for quick recovery.
- 2. Network Segmentation: Segment your network to limit lateral movement for ransomware. Isolate critical systems from less secure areas.
- 3. Security Awareness Training: Educate employees about phishing emails, suspicious attachments, and safe online practices. Awareness helps prevent initial infection.
- 4. Patch Management: Keep software and operating systems updated with the latest security patches. Vulnerabilities can be exploited by ransomware.
- 5. Endpoint Protection: Deploy robust antivirus and anti-malware solutions on endpoints. Regularly scan for threats.
- 6. Access Controls: Limit user privileges to the minimum necessary. Unauthorized access can lead to ransomware spreading.
- 7. Incident Response Plan: Develop and test an incident response plan. Know how to respond if a ransomware attack occurs.
- 8. Multi-Factor Authentication (MFA): Implement MFA for critical accounts. It adds an extra layer of security.
- 9. Block all IOCs on your XDR, EDR and other security tools.





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