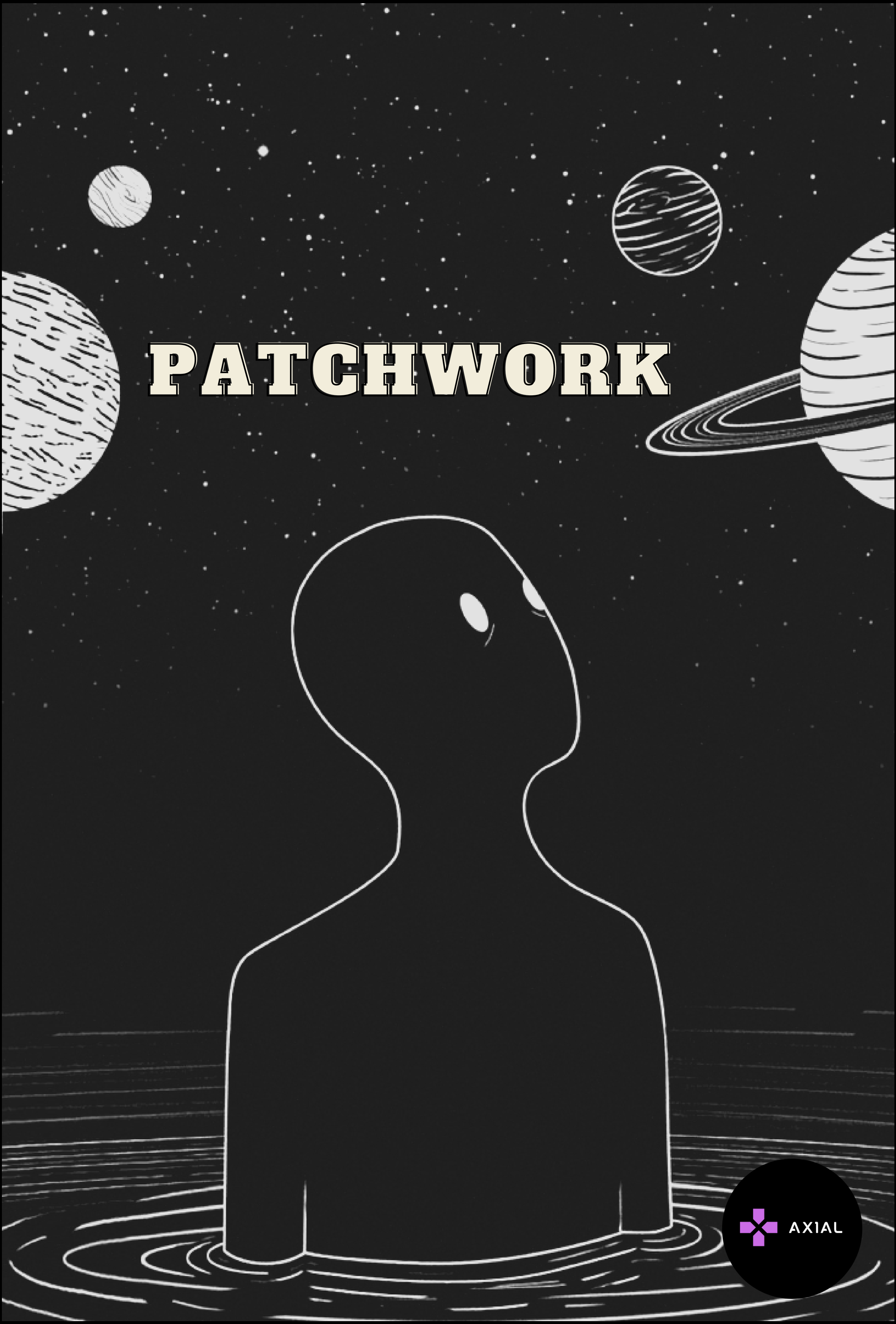
PATCHWORK



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A SURVEY ON PATCHWORK: ABOUT, WEAPON OF CHOICE, TECHNIQUES & ENGAGEMENTS

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I. ABOUT

Patchwork is a threat group that is based out of the Republic Of India, also goes by the name dropping elephant.

II. TARGET SECTORS

Aviation, Defense, Energy, Financial, Government, IT, Media, NGOs, Pharmaceutical, Think Tanks on multiplecountries.

III. METHODS USED

- Patchwork has been using spear-phishing and malicious documents as one of its methods.
- Patchwork has also been using weaponized RTFDocument.
- Patchwork has also been using variants of QuasarRATPayload.
- Patchwork has also been exploiting CVE-2017-8750 for exploitation

IV. ENGAGEMENTS

- Patchwork has been attributed to multiple phishing campaigns.

- *Patchwork has also been attributed to attacks on Pakistan Atomic EnergyCommission.

V. COMMON ATTRIBUTIONS

Volexity identified multiple spear-phishing campaigns attributed to Patchwork, an Indian APT group also known as Dropping Elephant. This increase in threat activity was consistent with other observations documented over the last few months in blogs by 360 Threat Intelligence Center analyzing attacks on Chinese organizations and Trend Micro noting targets in South Asia. From the attacks observed by Volexity, what is most notable is that Patchwork has pivoted its targeting and has launched attacks directly against US-based think tanks. Volexity has also found that, in addition to sending malware lures, the Patchwork threat actors are leveraging unique tracking links in their e-mails for the purpose of identifying which recipients opened their e-mail messages.

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V. IOC

HASHES

1. be550349fb4bb2277822554fc243f0a3
2. 2d8e9fb75e6e816cad38189691e9c9c8
3. f396b476413558266f3abd336e06cbfc
4. 5c3456d5932544b779fe814133344fdb
5. 89beb207e7095d237c4d25c4c6e17e97
6. 9e4c373003c6d8f6597f96fc3ff1f49c

C2

1. tautiaos.com / 43.249.37.199
2. sastind-cn.org / 209.58.176.201

VI. REFERENCES

- https://www.volexity.com/blog/2018/06/07/patchwork-apt-group-targets-us-think-tanks
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- https://shadowdragon.io/patchwork-apt-group-additional-iocs-network-indicators