

# APT28 Delivers Zebrocy Malware Campaign using NATO Theme as Lure

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## Citations

- [1] ESET, A1, April 2018, [Sednit update: Analysis of Zebrocy](#)
- [2] Palo Alto, B1, June 2018, [Sofacy Group's Parallel Attacks](#)
- [3] Kaspersky, A1, October 2018, [Shedding Skin – Turla's Fresh Faces](#)
- [4] Kaspersky, A1, January 2019, [A Zebrocy Go Downloader](#)
- [5] Kaspersky, A1, January 2019, [GreyEnergy's overlap with Zebrocy](#)
- [6] Kaspersky, A1, June 2019, [Zebrocy's Multilanguage Malware](#)

## Appendix I – IOCs

hxxp://194.32.78.245/protect/get-upd-id.php

### Course 5 – 16 October 2020.zipx

6e89e098816f3d353b155ab0f3377fe3eb3951f45f8c34c4a48c5b61cd8425aa

### Course 5 – 16 October 2020.xls (Corrupted file)

b45dc885949d29cba06595305923a0ed8969774dae995f0ce5b947b5ab5fe185

### Course 5 – 16 October 2020.exe (Zebrocy malware)

aac3b1221366cf7e4421bdd555d0bc33d4b92d6f65fa58c1bb4d8474db883fec

### Additional Zebrocy malware variants on VT

fae335a465bb9faac24c58304a199f3bf9bb1b0bd07b05b18e2be6b9e90d72e6

eb81c1be62f23ac7700c70d866e84f5bc354f88e6f7d84fd65374f84e252e76b

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