100 mil 3 to 3 days (309) 195 no) of 9 and 7

10. Explore on CVE-2021-4034 -Ansi-CVE-2021-4034 is a vulnerability in polkit's phexec that allows an unauthorited user to gain took access to a Linux System. The vulnerability is due to the prexestool's improper handling of command-line arguments

The Exploitation of CVE+2021-4034 requires local Authenticited access to the vulneable machine and con't be run remotely from an internal threat where a malicious user can escalate from no privileges to full took privileges.

An Extend at tack scenario would be from an attacker who already had local authenticated access to the vulnerable System Eitner from another Juherability (or) password spraying style attack once local Authentiated access is cachieved, the Extend attacker Coud them es Calate to full book privileges through this Julneedivity.

put in Religions forward 21 could not so differential

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2100031921 Proof of Concept (Poc) exploit Code has been made publicly available for CVE-2021-4034 and Security rescencers have tested and confirmed the validity of this exploit.

-2021 four map of voil hat work unit \* CVE -2021-4094 isa vulneubility

## distributed the many of published Pix the polluit privilege Escalation

The Dualys research Team has disclosed a 12-year old afiliareadou and of 20013 a memory commuption vulnerability in policit's prexec. The unineability is tracked as eve-2021-4034 allows any a vulnerable Linux machine.

The research team confirmed that it has successfully tested this nulnerability on ubuntu Debian, fedora and Cent Os with the default Confisheation - Since planit is post of the default packages on most Linux distributions, we com say that the whole linux Community is under threat. It is Essential to fix the CVE-2021-4034 nuneeability as the flow is being Exploited in the wild.

- ) Bypass authentication checks
- Execute aubi trans code with Elevated Privileges
  - 3) Goin root access to a linux system.
  - 4) perform malicious activities.

## Patchey:-

- i) A patch is available for this vulneability
- 2) You should immediately upgeade your systems to the lates & version.
- 3) There is also a work around that functions as a stop-gap while you Evaluate your Systems and perform necessary patches and upgeader.

## Exploiting the vuherability

- 1) reduires local Authenticated access to the vulnerable machin
- 2) Can't be run remotely without such authentication

## CUSSUS bose store

Calculated to be a high 7.8 out of 10.0