Vulnerability Note API

Please file issues using VINCE or GitHub.

- Authentication
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Authentication

The Vulnerability Note API is different from the VINCE API. The Vulnerability Note API does not require authentication. Vulnerability Notes are public.

Code Examples

Get Vulnerability Note content

```
# get content for VU#257161
# https://kb.cert.org/vuls/api/257161/
{
  "vuid": "VU#257161",
  "idnumber": "257161",
  "name": "Treck IP stacks contain multiple vulnerabilities",
  "keywords": null,
  ...
}

# get vulnerabilities for VU#257161
# https://kb.cert.org/vuls/api/257161/vuls/
{
  "note": "257161",
  "cve": "2020-11907",
  "description": "Improper Handling of Length Parameter Inconsistency (CWE-130) in TCP component. A remote attacker can send a malformed TCP packet that can cause trigger an integer underflow event leading to unexpected behavior of a crash or segmentation fault on the target device.",
  "uid": "CVE-2020-11907",
  "case_increment": 12,
  "date_added": "2020-06-16T17:13:46.826755Z",
  "dateupdated": "2021-02-25T18:15:04.627659Z"
}, ...

# get vendors (including status and statements) for VU#257161
# https://kb.cert.org/vuls/api/257161/vendors/
{
  "note": "257161",
  "contact_date": "2020-05-07T17:38:23Z",
  "vendor": "SonicWall",
  "references": "",
  "statement": "",
  "dateupdated": "2021-02-25T18:15:04.627659Z",
  "statement_date": null,
  "addendum": "Sonicwall has mentioned that Treck stack is not in use in their SonicOS\r\nhttps://community.sonicwall.com/technology-and-support/discussion/931/about-ripple20"
}, ...

# get vendor/vul status for VU#257161
# this will list the vendor status for each vulnerability identified
# https://kb.cert.org/vuls/api/257161/vendors/vuls/
```
Improper Handling of Length Parameter Inconsistency (CWE-130) in TCP component. A remote attacker can send a malformed TCP packet that can cause trigger an integer underflow event leading to unexpected behavior of a crash or segmentation fault on the target device.
# get summary of Vulnerability Notes published in 2020
# https://kb.cert.org/vuls/api/vendors/2010/summary/
{
  "count": 40,
  "notes": [
    "VU#498544",
    "VU#491944",
    "VU#335217",
    "VU#962085",
    ...
  ]
}

# get summary for December 2020
# https://kb.cert.org/vuls/api/2020/12/summary/
{
  "count": 3,
  "notes": [
    "VU#815128",
    "VU#429301",
    "VU#843464"
  ]
}

# get Vulnerability Notes published in December 2020
# https://kb.cert.org/vuls/api/2020/12/

# get vendors listed in Vulnerability Notes published in November 2010

# get all vendor records published in November 2010
# https://kb.cert.org/vuls/api/vendors/2010/11/