



# X-Force Exchange NREL BEopt DLL code execution

X-Force Exchange is a threat intelligence sharing platform that you can use to research security threats, to aggregate intelligence, and to collaborate with peers.

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nrel-beopt-code-exec (158065) reported Mar 11, 2019  
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NREL BEopt could allow a local attacker to execute arbitrary code on the system, caused by the loading of (sdl2.dll and libegl.dll) dynamic-linked libraries in an insecure manner. By persuading a victim to open a specially-crafted file, an attacker could exploit this vulnerability to execute arbitrary code on the system.

## Consequences:

Gain Access

## Remedy

No remedy available as of March 11, 2019.

## CVSS 3.0 Base Score

# 7.8

Attack Vector	Local
Attack Complexity	Low
Privileges Required	None
User Interaction	Required
Scope	Unchanged
Confidentiality Impact	High
Integrity Impact	High
Availability Impact	High

## CVSS 3.0 Temporal Score

# 7.1

Exploitability	Proof of Concept
Remediation Level	Unavailable
Report Confidence	Reasonable

### Did you know that we have an X-Force Threat Intelligence API?

X-Force threat intelligence is actionable and is available via our APIs (JSON and STIX), which can be ingested into SIEMs. — Read more at our [API documentation \(https://exchange.xforce.ibmcloud.com/api/doc/#Vulnerabilities\\_get\\_vulnerabilities\\_xfid\)](https://exchange.xforce.ibmcloud.com/api/doc/#Vulnerabilities_get_vulnerabilities_xfid)

```
curl -X GET --header 'Accept: application/json' -u {API_KEY:API_PASSWORD} 'https://exchange.xfo
```



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## IBM® X-Force Exchange

### IBM Network Protection

IBM X-Force Exchange is a threat intelligence sharing platform that you can use to research security threats, to aggregate intelligence, and to collaborate with peers.

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## Affected Products

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Affected Products

NREL BEopt 2.8.0

## Dependent Products

None found

## References

External link

[Packet Storm Security \[03-11-2019\]](https://packetstormsecurity.com/files/152043)  
(<https://packetstormsecurity.com/files/152043>)

[NREL Web site](https://beopt.nrel.gov/home)  
(<https://beopt.nrel.gov/home>)

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