



X-Force Exchange ZKTeco ZKAccess Professional privilege escalation

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zkteco-zkaccesspro-priv-esc (116486) reported Aug 31, 2016

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ZKTeco ZKAccess Professional could allow a local authenticated attacker to gain elevated privileges on the system, caused by the improper permissions with the M flag being set for the **Authenticated Users'** group. An attacker could exploit this vulnerability to change the executable file with a binary of choice and gain elevated privileges on the system.

Consequences:

Gain Privileges

Remedy

No remedy available as of August 18, 2016.

CVSS 3.0 Base Score

7.8

Attack Vector	Local
Attack Complexity	Low
Privileges Required	Low
User Interaction	None
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

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



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Affected Products

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Affected Products

ZKTeco ZKAccess Professional 3.5.3

Dependent Products

None found

References

External link

[Packet Storm Security \[08-31-2016\]](https://packetstormsecurity.com/files/138566)
(<https://packetstormsecurity.com/files/138566>)

[ZSL-2016-5361](http://www.zeroscience.mk/en/vulnerabilities/ZSL-2016-5361.php)
(<http://www.zeroscience.mk/en/vulnerabilities/ZSL-2016-5361.php>)

[Offensive Security Exploit Database \[08-31-2016\]](https://www.exploit-db.com/exploits/40323/)
(<https://www.exploit-db.com/exploits/40323/>)

[ZKTeco Web Site](http://www.zkteco.com/)
(<http://www.zkteco.com/>)

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