



# CVE-2012-4856

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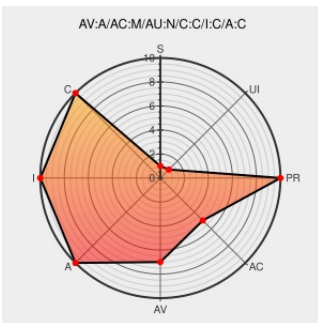
## CVE-2012-4856

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of **Power 5** from **ibm** contain the following vulnerability:

The Service Processor in the IBM Power 5 91##-### and 940#-### before SF240\_418\_382 does not ensure that firewall code is executed, which allows remote attackers to execute arbitrary code via unspecified vectors.

CVE-2012-4856 has been assigned by psirt@us.ibm.com to track the vulnerability

CVSS2 Score: **7.9 - HIGH**

Access  
Vector

Access  
Complexity

Authentication

ADJACENT\_NETWORK

MEDIUM

NONE

Confidentiality  
Impact

Integrity  
Impact

Availability  
Impact

COMPLETE

COMPLETE

COMPLETE

## CVE References

Description

Tags

Link

VU#194604 - IBM Power 5 Service Processor privilege escalation vulnerability

US Government Resource  
[www.kb.cert.org](http://www.kb.cert.org)  
text/html

CERT-VN VU#194604

Vendor Advisory  
[aix.software.ibm.com](http://aix.software.ibm.com)  
text/plain

CONFIRM  
[aix.software.ibm.com/aix/efixes/security/squadrons\\_advisory.asc](http://aix.software.ibm.com/aix/efixes/security/squadrons_advisory.asc)

IBM X-Force Exchange

[exchange.xforce.ibmcloud.com](http://exchange.xforce.ibmcloud.com)  
text/html

XF ibm-power-default-accounts(79736)

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| There are currently no QIDs associated with this CVE                                                                                                                             |        |         |          |        |         |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|--------|---------|----------|
| Known Affected Configurations (CPE V2.3)                                                                                                                                         |        |         |          |        |         |          |
| Type                                                                                                                                                                             | Vendor | Product | Version  | Update | Edition | Language |
| Hardware       | ibm    | Power 5 | 9110-510 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9110-51a | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9111-285 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9111-520 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9113-550 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9115-505 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9116-561 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9117-570 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9118-575 | All    | All     | All      |
| Hardware       | ibm    | Power 5 | 9123-710 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9124-720 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9131-52a | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9133-55a | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9405-520 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9406-520 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9406-525 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9406-550 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9406-570 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9407-515 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9110-510 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9110-51a | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9111-285 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9111-520 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9113-550 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9115-505 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9116-561 | All    | All     | All      |
| Hardware   | ibm    | Power 5 | 9117-570 | All    | All     | All      |

|                                                                                                                                                                              |     |                         |               |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------|---------------|-----|-----|-----|
| Hardware     | ibm | Power 5                 | 9118-575      | All | All | All |
| Hardware   | ibm | Power 5                 | 9123-710      | All | All | All |
| Hardware   | ibm | Power 5                 | 9124-720      | All | All | All |
| Hardware   | ibm | Power 5                 | 9131-52a      | All | All | All |
| Hardware   | ibm | Power 5                 | 9133-55a      | All | All | All |
| Hardware   | ibm | Power 5                 | 9405-520      | All | All | All |
| Hardware   | ibm | Power 5                 | 9406-520      | All | All | All |
| Hardware   | ibm | Power 5                 | 9406-525      | All | All | All |
| Hardware   | ibm | Power 5                 | 9406-550      | All | All | All |
| Hardware   | ibm | Power 5                 | 9406-570      | All | All | All |
| Hardware   | ibm | Power 5                 | 9407-515      | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_201_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_202_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_219_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_222_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_233_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_258_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_259_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_261_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_284_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_298_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_299_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_320_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_332_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_338_201 | All | All | All |
| Operating System                                                                                                                                                             | ibm | Power 5 System Firmware | sf240_358_201 | All | All | All |

|                  |     |                         |               |     |     |     |
|------------------|-----|-------------------------|---------------|-----|-----|-----|
| Operating System | ibm | Power 5 System Firmware | sf240_371     | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_382_382 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_403_382 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_415_382 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_417     | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_201_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_202_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_219_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_222_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_233_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_258_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_259_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_261_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_284_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_298_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_299_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_320_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_332_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_338_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_358_201 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_371     | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_382_382 | All | All | All |
| Operating System | ibm | Power 5 System Firmware | sf240_403_382 | All | All | All |

|                                       |     |                         |               |     |     |     |
|---------------------------------------|-----|-------------------------|---------------|-----|-----|-----|
| Operating System                      | ibm | Power 5 System Firmware | sf240_415_382 | All | All | All |
| Operating System                      | ibm | Power 5 System Firmware | sf240_417     | All | All | All |
| Operating System                      | ibm | Power 5 System Firmware | All           | All | All | All |
| cpe:2.3:h:ibm:power_5:9110-510:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9110-51a:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9111-285:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9111-520:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9113-550:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9115-505:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9116-561:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9117-570:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9118-575:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9123-710:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9124-720:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9131-52a:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9133-55a:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9405-520:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9406-520:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9406-525:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9406-550:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9406-570:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9407-515:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9110-510:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9110-51a:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9111-285:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9111-520:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9113-550:*****: |     |                         |               |     |     |     |
| cpe:2.3:h:ibm:power_5:9115-505:*****: |     |                         |               |     |     |     |

|                                                            |
|------------------------------------------------------------|
| cpe:2.3:h:ibm:power_5:9116-561:*****:                      |
| cpe:2.3:h:ibm:power_5:9117-570:*****:                      |
| cpe:2.3:h:ibm:power_5:9118-575:*****:                      |
| cpe:2.3:h:ibm:power_5:9123-710:*****:                      |
| cpe:2.3:h:ibm:power_5:9124-720:*****:                      |
| cpe:2.3:h:ibm:power_5:9131-52a:*****:                      |
| cpe:2.3:h:ibm:power_5:9133-55a:*****:                      |
| cpe:2.3:h:ibm:power_5:9405-520:*****:                      |
| cpe:2.3:h:ibm:power_5:9406-520:*****:                      |
| cpe:2.3:h:ibm:power_5:9406-525:*****:                      |
| cpe:2.3:h:ibm:power_5:9406-550:*****:                      |
| cpe:2.3:h:ibm:power_5:9406-570:*****:                      |
| cpe:2.3:h:ibm:power_5:9407-515:*****:                      |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_201_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_202_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_219_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_222_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_233_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_258_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_259_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_261_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_284_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_298_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_299_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_320_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_332_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_338_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_358_201:*****: |

|                                                            |
|------------------------------------------------------------|
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_371:*****:     |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_382_382:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_403_382:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_415_382:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_417:*****:     |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_201_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_202_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_219_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_222_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_233_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_258_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_259_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_261_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_284_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_298_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_299_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_320_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_332_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_338_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_358_201:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_371:*****:     |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_382_382:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_403_382:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_415_382:*****: |
| cpe:2.3:o:ibm:power_5_system_firmware:sf240_417:*****:     |
| cpe:2.3:o:ibm:power_5_system_firmware:*****:               |

No vendor comments have been submitted for this CVE

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