

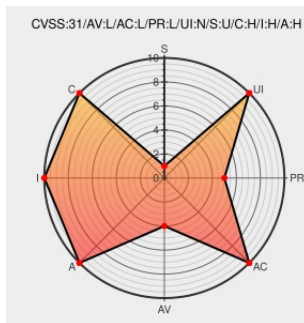


# CVE-2019-14100

Published on: 07/30/2020 12:00:00 AM UTC

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## CVE-2019-14100

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Mdm9206](#) from [Qualcomm](#) contain the following vulnerability:

Register write via debugfs is disabled by default to prevent register writing via debugfs. in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music in MDM9206, MDM9207C, MDM9607, Nicobar, QCS405, SA6155P, SC8180X, SDX55, SM8150

CVE-2019-14100 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Q](#) Qualcomm, Inc. - Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music version MDM9206, MDM9207C, MDM9607, Nicobar, QCS405, SA6155P, SC8180X, SDX55, SM8150

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **4.6 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description    | Tags                                                                                                                                                       | Link                                                                                                                                                                                       |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Page not found | <a href="#">Broken Link</a><br><a href="#">www.qualcomm.com</a><br><a href="#">text/html</a><br><a href="#">Inactive Link</a> <a href="#">Not Archived</a> | <a href="#">CONFIRM</a> <a href="http://www.qualcomm.com/company/product-security/bulletins/july-2020-bulletin">www.qualcomm.com/company/product-security/bulletins/july-2020-bulletin</a> |

|                             |                                                                                                                           |                                                                                                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| July 2020 Security Bulletin | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">www.qualcomm.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a> <a href="http://www.qualcomm.com/company/product-security/bulletins/july-2020-security-bulletin">www.qualcomm.com/company/product-security/bulletins/july-2020-security-bulletin</a> |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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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    | <a href="#">Qualcomm</a> | <a href="#">Mdm9206</a>           | -       | All    | All     | All      |
| Hardware   | <a href="#">Qualcomm</a> | <a href="#">Mdm9206</a>           | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9206 Firmware</a>  | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9206 Firmware</a>  | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c</a>          | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c</a>          | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c Firmware</a> | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9207c Firmware</a> | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9607</a>           | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Mdm9607</a>           | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9607 Firmware</a>  | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Mdm9607 Firmware</a>  | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Nicobar</a>           | -       | All    | All     | All      |
| Hardware  | <a href="#">Qualcomm</a> | <a href="#">Nicobar</a>           | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Nicobar Firmware</a>  | -       | All    | All     | All      |
| Operating System                                                                             | <a href="#">Qualcomm</a> | <a href="#">Nicobar Firmware</a>  | -       | All    | All     | All      |

|                                                         |  |          |                  |   |     |     |     |
|---------------------------------------------------------|--|----------|------------------|---|-----|-----|-----|
| Hardware                                                |  | Qualcomm | Qcs405           | - | All | All | All |
| Hardware                                                |  | Qualcomm | Qcs405           | - | All | All | All |
| Operating System                                        |  | Qualcomm | Qcs405 Firmware  | - | All | All | All |
| Operating System                                        |  | Qualcomm | Qcs405 Firmware  | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sa6155p          | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sa6155p          | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sa6155p Firmware | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sa6155p Firmware | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sc8180x          | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sc8180x          | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sc8180x Firmware | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sc8180x Firmware | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sdx55            | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sdx55            | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sdx55 Firmware   | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sdx55 Firmware   | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sm8150           | - | All | All | All |
| Hardware                                                |  | Qualcomm | Sm8150           | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sm8150 Firmware  | - | All | All | All |
| Operating System                                        |  | Qualcomm | Sm8150 Firmware  | - | All | All | All |
| <div>cpe:2.3:h:qualcomm:mdm9206:-:~::~:</div>           |  |          |                  |   |     |     |     |
| <div>cpe:2.3:h:qualcomm:mdm9206:-:~::~:</div>           |  |          |                  |   |     |     |     |
| <div>cpe:2.3:o:qualcomm:mdm9206_firmware:-:~::~:</div>  |  |          |                  |   |     |     |     |
| <div>cpe:2.3:o:qualcomm:mdm9206_firmware:-:~::~:</div>  |  |          |                  |   |     |     |     |
| <div>cpe:2.3:h:qualcomm:mdm9207c:-:~::~:</div>          |  |          |                  |   |     |     |     |
| <div>cpe:2.3:h:qualcomm:mdm9207c:-:~::~:</div>          |  |          |                  |   |     |     |     |
| <div>cpe:2.3:o:qualcomm:mdm9207c_firmware:-:~::~:</div> |  |          |                  |   |     |     |     |

```
cpe:2.3:o:qualcomm:mdm9207c_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:mdm9607:-:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:mdm9607:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*
```

cpe:2.3:h:qualcomm:nicobar:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:nicobar:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:nicobar_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:nicobar_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:gcs405:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qcs405:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:qcs405_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcs405_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sa6155p:-:~::~::~:

cpe:2.3:h:qualcomm:sa6155p:-:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sc8180x:-:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:sc8180x:-:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:sc8180x_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sc8180x_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdx55:-:\*:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:sdx55:-:\*:\*:\*:\*:\*:\*:

```
cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:
```

cpe:2.3:o:qualcomm:sdx55\_firmware:-:\*:\*:\*:\*:\*:

cpe:2.3:h:qualcomm:sm8150:-:\*:\*:\*:\*:\*:

```
cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
```

cpe:2.3:o:qualcomm:sm8150\_firmware:-:\*:\*:\*:\*:\*:

No vendor comments have been submitted for this CVE

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