



CVE-2022-3086

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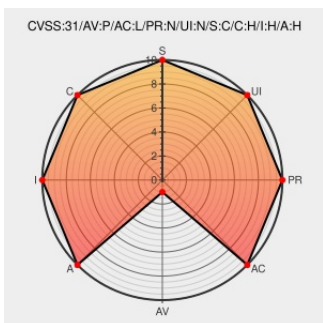
CVE-2022-3086

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of **Uc-2101-lx** from **Moxa** contain the following vulnerability:

Cradlepoint IBR600 NCOS versions 6.5.0.160bc2e and prior are vulnerable to shell escape, which enables local attackers with non-superuser credentials to gain full, unrestrictive shell access which may allow an attacker to execute arbitrary code.

CVE-2022-3086 has been assigned by ics-cert@hq.dhs.gov to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Cradlepoint** - **IBR600** version = 0

CVSS3 Score: **7.6 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Cradlepoint IBR600 CISA	www.cisa.gov text/html	MISC www.cisa.gov/uscert/ics/advisories/icsa-22-321-02
Moxa UC Series (Update A) CISA	www.cisa.gov text/html	MISC www.cisa.gov/uscert/ics/advisories/icsa-22-333-04

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Related QID Numbers

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware  	Moxa	Uc-2101-lx	-	All	All	All
Operating System	Moxa	Uc-2101-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-2102-lx	-	All	All	All
Operating System	Moxa	Uc-2102-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-2104-lx	-	All	All	All
Operating System	Moxa	Uc-2104-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-2111-lx	-	All	All	All
Operating System	Moxa	Uc-2111-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-2112-lx	-	All	All	All
Operating System	Moxa	Uc-2112-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-2114-t-lx	-	All	All	All
Operating System	Moxa	Uc-2114-t-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-2116-t-lx	-	All	All	All
Operating System	Moxa	Uc-2116-t-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-3101-t-ap-lx	-	All	All	All
Operating System	Moxa	Uc-3101-t-ap-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-3101-t-eu-lx	-	All	All	All
Operating System	Moxa	Uc-3101-t-eu-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-3101-t-us-lx	-	All	All	All
Operating System	Moxa	Uc-3101-t-us-lx Firmware	All	All	All	All
Hardware  	Moxa	Uc-3111-t-ap-lx	-	All	All	All
Hardware  	Moxa	Uc-3111-t-ap-lx-nw	-	All	All	All
Operating System	Moxa	Uc-3111-t-ap-lx-nw Firmware	All	All	All	All
Operating	Moxa	Uc-3111-t-ap-lx Firmware	All	All	All	All

System						
Hardware 	Moxa	Uc-3111-t-eu-lx	-	All	All	All
Hardware 	Moxa	Uc-3111-t-eu-lx-nw	-	All	All	All
Operating System	Moxa	Uc-3111-t-eu-lx-nw Firmware	All	All	All	All
Operating System	Moxa	Uc-3111-t-eu-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-3111-t-us-lx	-	All	All	All
Hardware 	Moxa	Uc-3111-t-us-lx-nw	-	All	All	All
Operating System	Moxa	Uc-3111-t-us-lx-nw Firmware	All	All	All	All
Operating System	Moxa	Uc-3111-t-us-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-3121-t-ap-lx	-	All	All	All
Operating System	Moxa	Uc-3121-t-ap-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-3121-t-eu-lx	-	All	All	All
Operating System	Moxa	Uc-3121-t-eu-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-3121-t-us-lx	-	All	All	All
Operating System	Moxa	Uc-3121-t-us-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-5101-lx	-	All	All	All
Operating System	Moxa	Uc-5101-lx Firmware	1.2	All	All	All
Hardware 	Moxa	Uc-5101-t-lx	-	All	All	All
Operating System	Moxa	Uc-5101-t-lx Firmware	1.2	All	All	All
Hardware 	Moxa	Uc-5102-lx	-	All	All	All
Operating System	Moxa	Uc-5102-lx Firmware	1.2	All	All	All
Hardware 	Moxa	Uc-5102-t-lx	-	All	All	All
Operating System	Moxa	Uc-5102-t-lx Firmware	1.2	All	All	All
Hardware 	Moxa	Uc-5111-lx	-	All	All	All
Operating System	Moxa	Uc-5111-lx Firmware	1.2	All	All	All
Hardware 	Moxa	Uc-5111-t-lx	-	All	All	All
Operating System	Moxa	Uc-5111-t-lx Firmware	1.2	All	All	All

Hardware 	Moxa	Uc-5112-lx	-	All	All	All
Operating System	Moxa	Uc-5112-lx Firmware	1.2	All	All	All
Hardware 	Moxa	Uc-5112-t-lx	-	All	All	All
Operating System	Moxa	Uc-5112-t-lx Firmware	1.2	All	All	All
Hardware 	Moxa	Uc-8112-lx	-	All	All	All
Operating System	Moxa	Uc-8112-lx Firmware	1.2	All	All	All
Operating System	Moxa	Uc-8112-lx Firmware	1.3	All	All	All
Hardware 	Moxa	Uc-8112a-me-t-lx	-	All	All	All
Operating System	Moxa	Uc-8112a-me-t-lx Firmware	1.0	All	All	All
Operating System	Moxa	Uc-8112a-me-t-lx Firmware	1.1	All	All	All
Hardware 	Moxa	Uc-8131-lx	-	All	All	All
Operating System	Moxa	Uc-8131-lx Firmware	1.2	All	All	All
Operating System	Moxa	Uc-8131-lx Firmware	1.3	All	All	All
Hardware 	Moxa	Uc-8132-lx	-	All	All	All
Operating System	Moxa	Uc-8132-lx Firmware	1.2	All	All	All
Operating System	Moxa	Uc-8132-lx Firmware	1.3	All	All	All
Hardware 	Moxa	Uc-8162-lx	-	All	All	All
Operating System	Moxa	Uc-8162-lx Firmware	1.2	All	All	All
Operating System	Moxa	Uc-8162-lx Firmware	1.3	All	All	All
Hardware 	Moxa	Uc-8210-t-lx-s	-	All	All	All
Operating System	Moxa	Uc-8210-t-lx-s Firmware	All	All	All	All
Hardware 	Moxa	Uc-8220-t-lx	-	All	All	All
Hardware 	Moxa	Uc-8220-t-lx-ap-s	-	All	All	All
Operating System	Moxa	Uc-8220-t-lx-ap-s Firmware	All	All	All	All
Hardware 	Moxa	Uc-8220-t-lx-eu-s	-	All	All	All
Operating System	Moxa	Uc-8220-t-lx-eu-s Firmware	All	All	All	All

System						
Hardware 	Moxa	Uc-8220-t-lx-us-s	-	All	All	All
Operating System	Moxa	Uc-8220-t-lx-us-s Firmware	All	All	All	All
Operating System	Moxa	Uc-8220-t-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-8410a-lx	-	All	All	All
Operating System	Moxa	Uc-8410a-lx Firmware	2.2	All	All	All
Hardware 	Moxa	Uc-8410a-nw-lx	-	All	All	All
Operating System	Moxa	Uc-8410a-nw-lx Firmware	2.2	All	All	All
Hardware 	Moxa	Uc-8410a-nw-t-lx	-	All	All	All
Operating System	Moxa	Uc-8410a-nw-t-lx Firmware	2.2	All	All	All
Hardware 	Moxa	Uc-8410a-t-lx	-	All	All	All
Operating System	Moxa	Uc-8410a-t-lx Firmware	2.2	All	All	All
Hardware 	Moxa	Uc-8540-lx	-	All	All	All
Operating System	Moxa	Uc-8540-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-8540-t-ct-lx	-	All	All	All
Operating System	Moxa	Uc-8540-t-ct-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-8540-t-lx	-	All	All	All
Operating System	Moxa	Uc-8540-t-lx Firmware	All	All	All	All
Hardware 	Moxa	Uc-8580-lx	-	All	All	All
Operating System	Moxa	Uc-8580-lx Firmware	1.1	All	All	All
Hardware 	Moxa	Uc-8580-q-lx	-	All	All	All
Operating System	Moxa	Uc-8580-q-lx Firmware	1.1	All	All	All
Hardware 	Moxa	Uc-8580-t-ct-lx	-	All	All	All
Operating System	Moxa	Uc-8580-t-ct-lx Firmware	1.1	All	All	All
Hardware 	Moxa	Uc-8580-t-ct-q-lx	-	All	All	All
Operating System	Moxa	Uc-8580-t-ct-q-lx Firmware	1.1	All	All	All
Hardware 	Moxa	Uc-8580-t-lx	-	All	All	All

Operating System	Moxa	Uc-8580-t-lx Firmware	1.1	All	All	All
Hardware 	Moxa	Uc-8580-t-q-lx	-	All	All	All
Operating System	Moxa	Uc-8580-t-q-lx Firmware	1.1	All	All	All
cpe:2.3:h:moxa:uc-2101-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-2101-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-2102-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-2102-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-2104-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-2104-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-2111-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-2111-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-2112-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-2112-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-2114-t-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-2114-t-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-2116-t-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-2116-t-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-3101-t-ap-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-3101-t-ap-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-3101-t-eu-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-3101-t-eu-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-3101-t-us-lx:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-3101-t-us-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-3111-t-ap-lx:-:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-3111-t-ap-lx-nw:-:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-3111-t-ap-lx-nw_firmware:*:*:*:*:*:*:						
cpe:2.3:o:moxa:uc-3111-t-ap-lx_firmware:*:*:*:*:*:*:						
cpe:2.3:h:moxa:uc-3111-t-eu-lx:-:*:*:*:*:*:*:						

```
cpe:2.3:h:moxa:uc-3111-t-eu-lx-nw:-:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:moxa:uc-3111-t-eu-lx-nw firmware:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-3111-t-eu-lx firmware:*. *. *. *. *. *. *. *
```

```
cpe:2.3:h:moxa:uc-3111-t-us-lx:-:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-3111-t-us-lx-nw:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-3111-t-us-lx-nw_firmware:*.*.*.*.*.*.*.*
```

```
cpe:2.3:o:moxa:uc-3111-t-us-lx_firmware:*.:*:*:*:*:*.*
```

```
cpe:2.3:h:moxa:uc-3121-t-ap-lx:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-3121-t-ap-lx firmware:*:*:*:*:*:*.*
```

```
cpe:2.3:h:moxa:uc-3121-t-eu-lx:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-3121-t-eu-lx firmware:*. *. *. *. *. *. *. *. *
```

```
cpe:2.3:h:moxa:uc-3121-t-us-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-3121-t-us-lx firmware:*. *. *. *. *. *. *. *
```

```
cpe:2.3:h:moxa:uc-5101-lx:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-5101-lx firmware:1.2:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-5101-t-lx:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-5101-t-lx firmware:1.2:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-5102-lx:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-5102-lx firmware:1.2:::*.*.*.*.*
```

```
cpe:2.3:h:moxa:uc-5102-t-lx:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-5102-t-lx_firmware:1.2:*:*:*:*:*:*
```

```
cpe:2.3:h:moxa:uc-5111-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-5111-lx firmware:1.2:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-5111-t-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-5111-t-lx_firmware:1.2:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-5112-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-5112-lx_firmware:1.2:*:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-5112-t-lx:-:*:*:*:*:*:*:
```

```

0002 2:0:move:uo 5112 + lv firmware:1 2:*.*.*.*.*.*.

```

```

cpa.2.0.0.moxa.u05112-firmware.1.2. . . . .

```

```
cpe:2.3:h:moxa:uc-8112-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8112-lx_firmware:1.2:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8112-lx_firmware:1.3:*:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8112a-me-t-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8112a-me-t-lx_firmware:1.0:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8112a-me-t-lx_firmware:1.1:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8131-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8131-lx_firmware:1.2:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8131-lx_firmware:1.3:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8132-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8132-lx_firmware:1.2:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8132-lx_firmware:1.3:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8162-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8162-lx_firmware:1.2:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8162-lx_firmware:1.3:*:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8210-t-lx-s:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8210-t-lx-s_firmware:*:*:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8220-t-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8220-t-lx-ap-s:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8220-t-lx-ap-s_firmware:*.:.:.:.:.:.:
```

```
cpe:2.3:h:moxa:uc-8220-t-lx-eu-s:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8220-t-lx-eu-s_firmware:*.:*:*:*:*:*.*
```

```
cpe:2.3:h:moxa:uc-8220-t-lx-us-s:-:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8220-t-lx-us-s_firmware:*.:.:.:.:.:.:
```

```
cpe:2.3:o:moxa:uc-8220-t-lx_firmware:.*:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:h:moxa:uc-8410a-lx:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:moxa:uc-8410a-lx firmware:2.2:*.:*:*:*:*:*:
```

```
cpe:2.3:h:moxa:uc-8410a-nw-lx:-:*:*:*:*:*:
```


cpe:2.3:o:moxa:uc-8410a-nw-lx_firmware:2.2:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8410a-nw-t-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8410a-nw-t-lx_firmware:2.2:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8410a-t-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8410a-t-lx_firmware:2.2:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8540-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8540-lx_firmware:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8540-t-ct-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8540-t-ct-lx_firmware:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8540-t-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8540-t-lx_firmware:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8580-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8580-lx_firmware:1.1:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8580-q-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8580-q-lx_firmware:1.1:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8580-t-ct-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8580-t-ct-lx_firmware:1.1:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8580-t-ct-q-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8580-t-ct-q-lx_firmware:1.1:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8580-t-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8580-t-lx_firmware:1.1:*:*:*:*:*:
cpe:2.3:h:moxa:uc-8580-t-q-lx:-:*:*:*:*:*:
cpe:2.3:o:moxa:uc-8580-t-q-lx_firmware:1.1:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions		
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