

ã,·ã,¹ã,³è£1/2å“ã«å½±éÿ;ã™ã,<dnsmasq DNSãf·ã,©ãfãf¼ãf€ã®èæ±æ°ã®è,,tä¼±æ



ã,çãf%ãfã,ã,¶ã,¶ãfãf¼ID : cisco-sa-
dnsmasq-dns-2021-c5mrd3g

ã^ã...-é-æ—¥ : 2021-01-19 12:15

æœ€gæ>æ-°æ—¥ : 2021-08-30 17:24

ãfãf¼ã,ãfšãf³ 1.4 : Final

CVSSã,¹ã,³ã,ç : [8.1](#)

ã>žéç- : No workarounds available

Cisco ãfã,° ID : [CSCvx66584](#) [CSCvx20637](#)

[CSCvx17339](#) [CSCvx66581](#) [CSCvv83232](#)

[CSCvw00918](#)

[CVE-2020-25686](#)

[CVE-2020-25685](#)

[CVE-2020-25684](#)

[CVE-2020-25683](#)

[CVE-2020-25687](#)

[CVE-2020-25682](#)

[CVE-2020-25681](#)

æ—¥æœ-èªžã«ã,^ã,<æf...å ±ã-ã€è<±èªžã«ã,^ã,<åŽÿæ-ã®éžã...-å¼ã

æi,èi

2021å¹¹1æœ¹19æ—¥ã«ã€DNSãf·ã,©ãfãf¼ãf€ã®dnsmasqã®ÿè£...ã«ãšã'ã,<æœªçÿã®ã,€

ã“ã,CEã,%ã®è,,tä¼±æ€šãCEæ,ªç”ãã,CEã,<ã”ã€ãfãfçãf¼ãf^ãšã,³ãf¼ãf%ãCEã®ÿè;C

èæ±æ°ã®ã,·ã,¹ã,³è£1/2å”ãCEã€ãã”ã,CEã,%ã®è,,tä¼±æ€šã®å½±éÿ;ã,å—ã’ã¼ã™ã

ã,ã,¹ã,³ãšã-ã€ã”ã,CEã,%ã®è,,tä¼±æ€šã«ã¼ã™ã,ã,½ãf·ãf^ã,ã,šã,ç

ã,çãfãf—ãfãf¼ãf^ã,æã¼ã™ã,ã°ã®šãšã™ã€ç%ã¹ã®šã®ã,ã,¹ã,³è£1/2å”ã¼ãÿã

Cisco Bug

ã”ã—ã|æ-æ>ãCE-ãã,CEã€ããã,CEãžã,CEã”ã®ã,çãf%ãfã,ã,¶ã,¶ãfã®ã€CEè,,tä

æ³¹¼šã...-é-ã®æ™,ç,¹ãšã-ã€ãfãfçãf¼ãf^ã,³ãf¼ãf%ã®ÿè;CEãšã,^ã³Došã®è,,tä¼±æ€

Vulnerabilities and Exposures(CVE)IDã«ã,^ã£ã|ç%ã¹ã®šãã,CEã|ã,ã¼ã™ã€

- CVE-2020-25681
- CVE-2020-25682
- CVE-2020-25683
- CVE-2020-25687

<p>ãf ♦ã, ¢ã³ãf^</p>		<p>8.10.151.0 8.5.171.0 Catalyst 9800ãf-ã, ¢ãf 16.12.5 17.3.3 17.5.1i¼^2021 â¹ 3 æc</p>
<p>Cisco Aironet 1810w ã, ·ãfªãf¼ã, °ã, ¢ã, ¯ã, »ã,¹ãf ♦ã, ¢ã³ãf^</p>	<p>CSCv83754</p>	<p>ãf-ã, ¢ãfªãf-ã,¹ LAN 8.10.151.0 8.5.171.0 Catalyst 9800ãf-ã, ¢ãf 16.12.5 17.3.3 17.5.1i¼^2021 â¹ 3 æc</p>
<p>Cisco Aironet 1815 ã, ·ãfªãf¼ã, °ã, ¢ã, ¯ã, »ã,¹ãf ♦ã, ¢ã³ãf^</p>	<p>CSCv83754</p>	<p>ãf-ã, ¢ãfªãf-ã,¹ LAN 8.10.151.0 8.5.171.0 Catalyst 9800ãf-ã, ¢ãf 16.12.5 17.3.3 17.5.1i¼^2021 â¹ 3 æc</p>
<p>Cisco Aironet 1830 ã, ·ãfªãf¼ã, °ã, ¢ã, ¯ã, »ã,¹ãf ♦ã, ¢ã³ãf^</p>	<p>CSCv83754</p>	<p>ãf-ã, ¢ãfªãf-ã,¹ LAN 8.10.151.0 8.5.171.0 Catalyst 9800ãf-ã, ¢ãf 16.12.5 17.3.3 17.5.1i¼^2021 â¹ 3 æc</p>
<p>Cisco Aironet 1850 ã, ·ãfªãf¼ã, °ã, ¢ã, ¯ã, »ã,¹ãf ♦ã, ¢ã³ãf^</p>	<p>CSCv83754</p>	<p>ãf-ã, ¢ãfªãf-ã,¹ LAN 8.10.151.0 8.5.171.0 Catalyst 9800ãf-ã, ¢ãf 16.12.5 17.3.3 17.5.1i¼^2021 â¹ 3 æc</p>
<p>Cisco Aironet 2800 ã, ·ãfªãf¼ã, °ã, ¢ã, ¯ã, »ã,¹ãf ♦ã, ¢ã³ãf^</p>	<p>CSCv83754</p>	<p>ãf-ã, ¢ãfªãf-ã,¹ LAN 8.10.151.0</p>

		8.5.171.0 Catalyst 9800af-a, paf 16.12.5 17.3.3 17.5.1i1/4^2021 a1' 3 aec
Cisco Aironet 3800 a, .afaf1/4a, ° a, ca, -a, »a, 1 af a, pafaf^	CSCv83754	af-a, pafaf-a, 1 LAN 8.10.151.0 8.5.171.0 Catalyst 9800af-a, paf 16.12.5 17.3.3 17.5.1i1/4^2021 a1' 3 aec
Cisco Aironet 4800 a, ca, -a, »a, 1af a, pafaf^	CSCv83754	af-a, pafaf-a, 1 LAN 8.10.151.0 8.5.171.0 Catalyst 9800af-a, paf 16.12.5 17.3.3 17.5.1i1/4^2021 a1' 3 aec
Cisco Business 100a, .afaf1/4a, ° a, ca, -a, »a, 1af a, pafaf^	CSCv83754	10.4.1.0i1/4^2021a1' 3aec
Cisco Business 200a, .afaf1/4a, ° a, ca, -a, »a, 1af a, pafaf^	CSCv83754	10.4.1.0i1/4^2021a1' 3aec
Cisco Catalyst 9100 a, ca, -a, »a, 1af a, pafaf^	CSCv83754	af-a, pafaf-a, 1 LAN 8.10.151.0 Catalyst 9800af-a, paf 16.12.5 17.3.3 17.5.1i1/4^2021 a1' 3 aec
Cisco Catalyst IW6300a, ca, -a, »a, 1af a, pafaf^	CSCv83754	af-a, pafaf-a, 1 LAN 8.10.151.0 Catalyst 9800af-a, paf 16.12.5 17.3.3 17.5.1i1/4^2021 a1' 3 aec
Cisco ESW6300a, .afaf1/4a, ° a, ca, -a, »a, 1af a, pafaf^	CSCv83754	af-a, pafaf-a, 1 LAN 8.10.151.0

		Catalyst 9800 16.12.5 17.3.3 17.5.1i/4^2021 â' 3 æ
Cisco Policy Suite	CSCv83241	21.1.0
Routing and Switching - Enterprise and Service Provider		
Cisco 1000, .âf^âf/4â, °Connected Gridâf«âf/4â, çî/4^CGR1000â, ³âf³âf”âf¥âf/4âf^âfçã, , âf¥âf/4âf«î/4%o	CSCv84554	15.9i/4^3i/4%oM4i/4^20
Cisco IR800â, ãf/4âf“â, ¹ç#â ^âž<âf«âf/4â, çî/4^â, ²â, ¹âf^OSî/4%o	CSCv84553	15.9i/4^3i/4%oM4i/4^20
LoRaWAN â ^â ^â, .â, ¹â, ³ âf-â, ðâfðâf-â, ¹ â, ²âf/4âf^â, â, §â, ð	CSCvw00914	2.1.0.3i/4^2021â' 3ææ
Meraki èf/2â“		
Cisco Meraki MRî/4^â...”âfçâf†âf«î/4%o	N/A	âf^âf^âf/4â, ¹ç^â ^æ
Cisco Meraki MSî/4^â...”âfçâf†âf«î/4%o	N/A	âf^âf^âf/4â, ¹ç^â ^æ
Cisco Meraki MVî/4^â...”âfçâf†âf«î/4%o	N/A	âf^âf^âf/4â, ¹ç^â ^æ
Cisco Meraki MXî/4^â...”âfçâf†âf«î/4%o	N/A	âf^âf^âf/4â, ¹ç^â ^æ
Cisco Meraki Z â, .âf^âf/4â, °î/4^â...”âfçâf†âf«î/4%o	N/A	âf^âf^âf/4â, ¹ç^â ^æ
âf«âf/4âf†â, £âf³â, °â ^Sâ, ^â ^â, ðâffâf ^âf³â, ° - â, ¹âfçâf/4âf« âf^â, â		
Cisco RV042 Dual WAN VPNâf«âf/4â, ç	CSCv83789	è”ç”»â ^â ^—
Cisco RV042Gâf†âf¥â, çâf«â, ®â, -âf“âffâf^ WAN VPNâf«âf/4â, ç	CSCv83789	è”ç”»â ^â ^—
Cisco RV160x VPN âf«âf/4â, ç	CSCv83787	1.0.02.xi/4^2021â' 3ææ
Cisco RV260x VPN âf«âf/4â, ç	CSCv83788	1.0.02.xi/4^2021â' 3ææ
Cisco RV340W âf†âf¥â, çâf« WAN â, ®â, -âf“âffâf^ Wireless-AC VPN âf«âf/4â, ç	CSCv83239	1.0.04.xi/4^2021â' 3ææ
Cisco Small Business RVâ, .âf^âf/4â, °RV110W Wireless-N VPNâf«â, ;â, ðâ, çâ, lâ, ©âf/4âf«	CSCv83235	è”ç”»â ^â ^—
Cisco Small Business RVâ, .âf^âf/4â, °RV215W Wireless-N VPNâf«âf/4â, ç	CSCv83237	è”ç”»â ^â ^—
Cisco Small Business RV â, .âf^âf/4â, °RV320 âf†âf¥â, çâf«â, ®â, -âf“âffâf^ WAN VPN âf«âf/4â, ç	CSCv83238	è”ç”»â ^â ^—
Cisco Small Business RV â, .âf^âf/4â, °RV325 âf†âf¥â, çâf« WAN VPN âf«âf/4â, ç	CSCv83816	è”ç”»â ^â ^—
Cisco Small Business RV130 â, .âf^âf/4â, °VPN âf«âf/4â, ç	CSCv83791	è”ç”»â ^â ^—
Cisco Small Business RV130 VPNâf«âf/4â, ç	CSCv83236	è”ç”»â ^â ^—
Unified Computing		

DNSä,µf¼äf æ©ÿèf½ä,'æ ä¾ä —ä ä,,ä,¹ä,³è£½ä" ä -ä€ ä"ä,CEä,%ä@è,,tä¼±

IOS
XEä,½äf•äf^ä,|ä,šä,çä CEä"ä,CEä,%ä@è,,tä¼±æ€šä@å½±éÿä,'ä —ä'ä ä,,ä"ä"ä,ä,

å...-é-æ™,ç,¹ä šä -ä€ æ-jä@Common Vulnerabilities and

Exposures(CVE)IDä «ä,^ä £ä |ç%¹ä@šä•ä,CEäÿè,,tä¼±æ€šä@å½±éÿä,'ä —ä'ä,ä,ä,¹ä,

- CVE-2020-25681
- CVE-2020-25682
- CVE-2020-25683
- CVE-2020-25687

è©³ç´°

äfªäfcäf¼äfª,³äf¼äf%ä@ÿè;(Eä šä,^ä³ä,µäf¼äf"ä,¹æ'ä|ä@è,,tä¼±æ€š

dnsmasgå@DNSSECä@ÿè£...ä «ä šä'ä,è±æ•ä@è,,tä¼±æ€šä «ä,^ä,šä€èªèè¼ä•ä,CEä

ä"ä@è,,tä¼±æ€šä -ä€è©²å½"ä,½äf•äf^ä,|ä,šä,çä CEDNSSECäf±äf¼ä,ä,'ä «ä,€DNSäfä,±äff

ä"ä,CEä,%ä@äfä,±äffäf^ä CE±|çtä•ä,CEä,ä"ä€ä,æ£ä^©ç"ä šä ä,ä,ªäf¼äfäf

ä"ä,CEä,%ä@è,,tä¼±æ€šä -ä€æ-jä@ä™ä¹ä|ä@åÿ°æ°-ä «ä,€è'ä™ä,<dnsmasgå,±

- dnsmasgå@è,,tä¼±äªäfªäfªäf¼ä,¹ä,'ä «ä,ä,ç
- DNSä,µf¼äf ä"ä —ä|ä•ä½œäèèf½
- DNSSECäf±äf¼ä,ä,ä,æœèè¼äèèf½

ä"ä,CEä,%ä@è,,tä¼±æ€šä «ä -ä€æ-jä@CVE

IDä CEä%²ä,šä½"ä|ä,%ä,CEä|ä,,ä¾ä™ä€,

- CVE-2020-25681
- CVE-2020-25682
- CVE-2020-25683
- CVE-2020-25687

ä"ä@èªçæÿä@æ™,ç,¹ä šä -ä€ ä"ä,CEä,%ä@è,,tä¼±æ€šä@å½±éÿä,'ä —ä'ä,ä,ä,¹ä,

DNSä,äf£äffä,äfÿäfä,ªä,ªäf<äf³ä,ªæ"»æ'f

dnsmasgå@DNSä,µäf¼äf æ©ÿèf½ä «ä -è±æ•ä@å¼±ç,¹ä CEä,ä,šä€èªèè¼ä•ä,CEä

ä ä,CEäžä,CEä@å¼±ç,¹ä «ä,^ä,šä€ dnsmasgå -ä€ RFC

5452ä šè|ä@šä•ä,CEä|ä,,ä,ä,"äf³äf^äfäf"äf¼ä,^ä,šä,,ä½žä,,ä,"äf³äf^äfäf"äf¼ä@è±ä€

ã“ã,Ĉĕã,%ã@â¼±ç,¹ã-ã€æ¬ã®ã™ã¹ã|ã®æjä»¶ã«ä,€è†ã™ã,<dnsmasqã,ǎǎfã

- dnsmasqãè,†â¼±ãªǎǎǎǎ¼ã,¹ã,á«ã,ã,<
- DNSã,ǎǎ¼ǎǎãã—ã|ã•ã½œãèf½
- DNSãǎç”ã,á,ǎǎǎǎǎǎ,ǎǎǎǎǎǎǎǎ,ã,ã,ã,ã

ã“ã,Ĉĕã,%ã@â¼±ç,¹ã«ã-ã€æ¬ã®CVE
IDãĈĕã%²ã,Šã½”ã|ã,%ã,Ĉĕã|ã,,ã¼ã™ã€,

- CVE-2020-25684
- CVE-2020-25685
- CVE-2020-25686

è†:æ•ã®ã,ã,¹ã,³è½á”ãĈDNSã,ǎǎǎǎǎǎ,ǎǎǎǎǎǎǎ,ǎ,ã,ãǎǎǎǎǎ,ã”»æǎǎã®ã½±éÿã,á—ã

ãžéç-

ç%¹ã®šã®ã,ã,¹ã,³è½á”ã¼ãÿã-ã,ǎǎǎ¼ǎǎ”ã,¹ã®ã™ã¹ã|ã®ãžéç-ã-ã€é@
Cisco Bug
ã”ã—ã|æ-†æ,ãĈĕã-ã,ã,Ĉĕãããããã,Ĉĕãžã,Ĉĕã”ã®ã,čǎǎ%ǎǎǎã,ǎ,¶ǎǎǎã®ã€Ĉĕè,†ã

äǎ®æǎ,^ãçã,½ǎǎ•ǎǎ^ã,|ã,šã,č

äǎ®æǎ,^ãçã,½ǎǎ•ǎǎ^ã,|ã,šã,čǎǎǎǎǎǎ¼ã,¹ã®è©³ç’ã«ãǎǎ,,ã|ã-ã€æœ-ã,čǎǎ%ǎǎǎã,
Cisco Bug ID ã,á,ç...šã—ã|ããããã•ã,,ã€,

[ã,½ǎǎ•ǎǎ^ã.šã.šã.čã®ã,čǎǎǎǎ—ã,°ǎǎ-ǎǎ¼ǎǎ%ã,áæœè”žã™ã,ćš>ã«ã-ã€ã,ã,¹ã,³](#)
ã,»ã,ǎǎǎǎǎǎǎǎ,đã,čǎǎ%ǎǎǎã,ǎ,¶ǎǎǎǎǎǎ
ǎǎǎǎǎǎ¼ã,,ãšã...Ŷæ%œãšããã,ã,ã,¹ã,³è½á”ã®ã,čǎǎ%ǎǎǎã,ǎ,¶ǎǎǎǎǎ,á®šæœÿçš,,ã«ã,ç
ã,½ǎǎǎǎǎǎ¼ã,.ǎǎǎǎǎǎã,čç°èªã—ã|ããããã•ã,,ã€,

ã,,ãšã,Ĉĕã®ã’ã^ã,,ã€ã,čǎǎǎǎ—ã,°ǎǎ-ǎǎ¼ǎǎ%ã™ã,čǎǎǎǎǎ,ǎ,¹ã«ããã^†ãªǎǎǎǎǎǎ
Technical Assistance
Centeri¼^TACi¼%ã,,ã—ããã-ãŶ’ç’,ã—ã|ã,,ã,čǎǎǎǎǎǎǎǎǎǎǎ,¹ǎ—ǎǎǎǎ,ǎǎǎǎǎǎ¼ã

ä,æǎã^©ç”ã°<ã¼<ã”ã...-ã¼ç™ºèi”

Cisco Product Security Incident Response
Teami¼^PSIRTi¼%ã-ã€ã”ã®ã,čǎǎ%ǎǎǎã,ǎ,¶ǎǎǎǎǎšã-ã~žã•ã,Ĉĕã|ã,,ã,è,,†â¼±æ€šã
ã,³ǎǎ¼ǎǎ%ãĈĕã...Ŷæ%œœãèf½ãšãã,ã,čã”ã”ã,èãè~ã—ã|ã,,ã¼ã™ã€,
ã”ã®ã,čǎǎ%ǎǎǎã,ǎ,¶ǎǎǎǎšã-ã~žã•ã,Ĉĕã|ã,,ã,è,,†â¼±æ€šã®æ,ªç”ã«é-čã™ã,čæ

Cisco PSIRT [ã«ã,,ã>ã,%ã,Œã|ã,,ã¾ã>ã,"ã€](#),

ã†°ã...

ã,ã,1ã,3ã-ã€CERT/CCã®èª:æ'ã®ã,ãšèª:æÿ»ãšã,^ã³é-çªãã,Œãÿè,,†ã¼±æ€šã,ã Kolæ°ãšã,^ã³Shlomi Obermanæ°ã«æ,,ÿè-ã,,ãÿã—ã¾ã™ã€

URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-dnsmasq-dns-2021-c5mrd3g>

æ''è'',ã±¥æ'

ãfãf¼ã,ãfsãf³	èª-æ~Ž
1.4	Webex Room Phoneã®ãž®æ£æ,^ãžãfãfãf¼ã,1ã,'æ'æ-°ã€
1.3	è,,†ã¼±æ€šãŒã~ãœ"ã—ãªã,,è£½ã"ã®ãfã,1ãf^ã,'æ'æ-°ã€,èª:æÿ»ã,ã
1.2	ãž®æ£æ,^ãžãfãfãf¼ã,1ã®ã...¥æ%ãã-èf½æ€šæf...ã±ã,'æ'æ-°ã€
1.1	Cisco Merakiãf†ãfã,ã,1ã€ã,ã,1ã,3ã,çã,ã,»ã,1ãfã,ããfãf^ã€Cisco IR800ã,ãf¼ãf"ã,1çµ±ã^ãžãfãf¼ã,ã€ãšã,^ã³Cisco 1000ã,ãfãf¼ã,°Con Gridãfãf¼ã,ãž®ãž®æ£æ,^ãžãfãfãf¼ã,1ã®ãç"æ€šæf...ã±ã,'æ'æ-°ã€
1.0	ã^ã>žã...-é-ãfãfãf¼ã,1

ã^©ç''è!ç',,

æœ-ã,çãf%ãfã,ã,ã,ãfããç,,ãžè"¼ã®ã,,ã®ããã—ã|ã"æã¾ã—ã|ãšã,šãæœ-ã,çãf%ãfã,ã,ã,ãfãã®æf...ã±ãšã,^ã³ãfãfãfã,ã®ã½çç"ã«é-çã™ã,«è²-ã»ã®ã,ã¾ãÿã€ã,ã,1ã,3ã-æœ-ãf%ã,ãfãfãfãfã®ã†...ã®1ã,'ã^ãšãªã—ã«ã%ãæ'ã—ãæœ-ã,çãf%ãfã,ã,ã,ãfãã®è"è:ã†...ã®1ã«é-çã—ã|æf...ã±é...ãžãã® URL ã,'çœç¥ã—ã€ãçç<-ã®è»çè¼%ã,,æ,,è"³ã,'æ-½ã—ãÿã'ã^ã€ã½"ç¾ãŒç®ççã"ã®ãf%ã,ãfãfãfãfãfã®æf...ã±ã-ã€ã,ã,1ã,3è£½ã"ã®ã,,ãfãf%ãfãf¼ã,ã,ã¼è±ã

翻訳について

シスコは世界中のユーザにそれぞれの言語でサポート コンテンツを提供するために、機械と人による翻訳を組み合わせて、本ドキュメントを翻訳しています。ただし、最高度の機械翻訳であっても、専門家による翻訳のような正確性は確保されません。シスコは、これら翻訳の正確性について法的責任を負いません。原典である英語版（リンクからアクセス可能）もあわせて参照することを推奨します。