

Cisco IOS

ARP table overwrite vulnerability



Severity
Cisco Bug ID : cisco-sa-20011115-ios-arp-overwrite
Date : 2001-11-15 16:00
Version : 1.3 : Final
Workarounds : No Workarounds available
Cisco Bug ID :

[CVE-2001-0895](#)

Summary: A vulnerability in the ARP table of Cisco IOS routers allows an attacker to overwrite the ARP table and redirect traffic to a malicious server.

Impact

Address Resolution

The vulnerability exists in the ARP table of Cisco IOS routers. An attacker can send a specially crafted ARP request to the router, which will overwrite the ARP table with the attacker's IP address and MAC address. This allows the attacker to intercept and redirect traffic to a malicious server.

Access

The vulnerability can be exploited by an attacker who has access to the network. The attacker can send a specially crafted ARP request to the router, which will overwrite the ARP table with the attacker's IP address and MAC address. This allows the attacker to intercept and redirect traffic to a malicious server.

Reference: Cisco Bug ID CSCdu81936

More information: <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20011115-ios-arp-overwrite>

CVSS Score

CVSS Score: 7.5 (High)

CVSS Vector: AV:A/AC:L/Au:N/C:C/I:C/O:N

Impact: High (Confidentiality, Integrity, Availability)

Version: 1.3 (Final)

Product: Cisco IOS Software

Software: Cisco IOS Software

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Technical Assistance

Center(TAC)ã«ä°<å%ãã«éé£çµjã—ããã,,ã“ã€Cisco.comã<ã,%ããfã,|ãf³ãfãf¼ãf%ã

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Cisco IOS

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11.3T	æ—©æœÿã°Žã...¥è€...ã’ã®æ©ÿèf½ã©
12.0ãf™ãf¼ã,¹ã®ãf³ãf³ãf¼ã,¹	
12.0	General Deployment(GD)ã€™è£œi¼šã™ã¹ã

12.0DA	xDSLã, ðf ãf¼ãf^i¼š6100ã€ ã6200
12.0DB	6400 NSPã ã®æ—©æœÿã°Žã...¥ãfªãfªãf¼ã,¹
12.0DC	6400 NRPã ã®æ—©æœÿã°Žã...¥ãfªãfªãf¼ã,¹
12.0S	ã,³ã,ç/ISPã, ðf ãf¼ãf^i¼šGSRã€ ãRSPã€ ãc7200
12.0SC	ã,±ãf¼ãf-ãf«/ãf-ãfãf¼ãf%ããf ããf³ãf%ãISP:ubr7
12.0SL	10000 ESR:c10k
12.0SP	c10720
12.0ST	MPLS/ã,¿ã,°ã,¹ã,ªãffãf ããf³ã,°ã€ ãGSR 12000ã€
12.0T	Early Deployment(ED):VPNã€ ãDistributed Directorã€ ãã•ã ã¾ã ã-ã ã¾ã ãªãf—ãf©ãff

12.0W5	Catalystã, 1ã, ðãffãf ði¼šcat8510cã€ ðcat8540cã€
	Catalystã, 1ã, ðãffãf ði¼šcat2948g-L3ã€ ðcat4232
	Catalystã, 1ã, ðãffãf ði¼šc6msm
12.0WC	Catalyst 2900XL
12.0WT	Catalystã, 1ã, ðãffãf ði¼šcat4840g
12.0XA	Early Deployment(ED)i¼šé™ ðã, %oã, Çã ðÿãf—ã.
12.0XB	çÿæœÿé—“ã ð®æ—©æœÿã°žã...¥ãfªãfªãf¼ã,¹
12.0XC	Early Deployment(ED)i¼šé™ ðã, %oã, Çã ðÿãf—ã.

12.0XD	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.0XE	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.0XF	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.0XG	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.0XH	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.0XI	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.0XJ	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.0XK	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.

12.0XL	Early Deployment(ED) i!4šé™ ã, %oã, Ćã ÿãf—ã.
12.0XM	çÿæœÿé—“ã®æ—©æœÿâ°žã...¥ãfãfãfãfã,¹
12.0XN	Early Deployment(ED) i!4šé™ ã, %oã, Ćã ÿãf—ã.
12.0XP	Early Deployment(ED) i!4šé™ ã, %oã, Ćã ÿãf—ã.
12.0XQ	çÿæœÿé—“ã®æ—©æœÿâ°žã...¥ãfãfãfãfã,¹
12.0XR	çÿæœÿé—“ã®æ—©æœÿâ°žã...¥ãfãfãfãfã,¹
12.0XS	çÿæœÿé—“ã®æ—©æœÿâ°žã...¥ãfãfãfãfã,¹

12.0XU	Early Deployment(ED) i1/4sé™ã, %oã, Ąã Ąf—ã.
12.0XV	çÿæœÿé—“ã®æ—©æœÿâ°Žâ...¥ãfããfãf/4ã,¹
12.1 ãf™ãf/4ã,¹ã®ãfããfãf/4ã,¹	
12.1	General Deployment(GD)ã€™èŁœi1/4šã™ã¹ã!
12.1AA	ãf€ã, ðãfðãf«ãfãfãf^
12.1DA	xDSLã, ðfãfãf~i1/4š6100ã€6200
12.1DB	Cisco 6400ãf!ãfãfãf/4ã, ðãf«ã, çã, ¯ã, »ã,¹ã,³ãf³ã
12.1DC	xDSL NRPã, ðfãfãf~i1/4šc6400r
12.1E	ã,³ã, ç/ISPã, ðfãfãf~i1/4šGSRã€RSPã€c7200
	Catalyst 6000
12.1EA	Catalyst 2950
	Catalyst 3550

12.1EC	æ—©æceŸá°Žá...Ÿ(ED):ubr7200ã€◆UBRãf~ãffãf%
12.1EX	Catalyst 6000
12.1EY	Catalyst 8510ã€◆8540ã€◆LS1010
12.1EZ	Early Deployment(ED)ĩ¼šé™◆ã,%oã,Œã◆Ÿãf—ã.
12.1T	New technology Early Deployment(ED)ĩ¼šã™◆ã◆¹
12.1XA	Early Deployment(ED)ĩ¼šé™◆ã,%oã,Œã◆Ÿãf—ã.
12.1XB	Early Deployment(ED)ĩ¼šé™◆ã,%oã,Œã◆Ÿãf—ã.
12.1XC	Early Deployment(ED)ĩ¼šé™◆ã,%oã,Œã◆Ÿãf—ã.
12.1XD	Early Deployment(ED)ĩ¼šé™◆ã,%oã,Œã◆Ÿãf—ã.

12.1XE	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XF	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
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12.1XH	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XI	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
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12.1XK	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XL	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XM	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.

12.1XP	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XQ	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XR	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XS	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XT	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XU	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XV	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XW	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1XX	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1YA	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.
12.1YB	Early Deployment(ED)ĩ¼šé™ã,‰ã,ĈãŸăf—ã.

12.1YC	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.1YD	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.1YE	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.1YF	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.1YH	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
Affected 12.2-Based Releases	
12.2	General Deployment(GD) å€™ ã, %oã, Ćã Ěřf—ã.
12.2DD	7200 7400
12.2T	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.2XA	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.2XB	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.2XC	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.2XD	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.2XE	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.
12.2XG	Early Deployment(ED) i1/4šé™ ã, %oã, Ćã Ěřf—ã.

12.2XH	Early Deployment(ED)ï¼šé™ã,‰ã,ŒãŸãf—ã.
12.2XI	Early Deployment(ED)ï¼šé™ã,‰ã,ŒãŸãf—ã.
12.2XJ	Early Deployment(ED)ï¼šé™ã,‰ã,ŒãŸãf—ã.
12.2XK	Early Deployment(ED)ï¼šé™ã,‰ã,ŒãŸãf—ã.
12.2XQ	Early Deployment(ED)ï¼šé™ã,‰ã,ŒãŸãf—ã.

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URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20011115-ios-arp-overwrite>

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翻訳について

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