



Release Notes for Cisco BBSM 5.1 Microsoft Data Access Components Buffer Overrun Patch

November 2002

These release notes describe the Cisco Building Broadband Service Manager (BBSM) 5.1 Microsoft Data Access Components (MDAC) Buffer Overrun patch (MDACBufferOverrun.exe), which is also known as *Patch 5208*.



Note

The most current Cisco documentation for released products is available on Cisco Connection Online (CCO) at <http://www.cisco.com>. Online documents may contain updates and modifications made after the paper documents are printed.

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Introduction

The purpose of this patch is to eliminate a buffer overrun security vulnerability, which allows an attacker to compromise Microsoft Windows-based systems. MDACBufferOverrun.exe can be installed on BBSM 5.2, build 1.0 and any build of BBSM 5.1 with any level of patches applied.

It is possible that an attacker who successfully exploits this vulnerability can gain complete control over an affected system, which could include creating, modifying, or deleting data on the system, reconfiguring it, reformatting the hard drive, or running programs of the attacker's choice on it. This vulnerability poses a risk to both web servers and web clients. Microsoft recommends that all users take action immediately to ensure that their systems are protected against it.

For additional information, refer to Microsoft Security Bulletin MS02-065 at this website:

<http://www.microsoft.com/technet/treeview/default.asp?url=/technet/security/bulletin/MS02-065.asp>

Installation

BBSM service packs and patches can be installed locally onto any BBSM server with Internet access. Alternatively, BBSM service packs and patches can also be installed onto multiple BBSM servers from another computer in a remote location.



Caution

We recommend terminating all client sessions during BBSM service pack and patch upgrades and installations.

Follow these steps to install this patch onto your BBSM server:

- Step 1** Using the Internet Explorer (IE) web browser, go to the Cisco BBSM 5.1 Software Download website:
<http://www.cisco.com/cgi-bin/tablebuild.pl/bbsm51>



Note Because of some known issues and incompatibilities with Netscape Navigator, you must use the IE browser when using the WEBpatch feature.

- Step 2** Download **MDACBufferOverrun.exe** to a temporary location on your computer.
- For a local BBSM installation, go to [Step 5](#).
 - For a remote BBSM installation, continue with [Step 3](#).
- Step 3** In the IE browser Address field, type **http://<ext_NIC_addr>:9488/www**, where <ext_NIC_addr> is the external NIC address of the remote BBSM server. For example, type **http://10.10.1.2:9488/www**, and press **Enter**.
- Step 4** Log on with your username and password. The remote BBSM Dashboard appears.



Note You must have administrator privileges to log on. Do not enter any information in the Domain field.

Step 5 From the BBSM Dashboard, use the WEBpatch utility to install this patch.



Note Refer to the *Cisco BBSM 5.1 Software Configuration Guide* for instructions on installing and transferring BBSM patches. After you install the patch, wait for the BBSM server to reboot.

Related Publications

The following documents provide complete information about BBSM:

- *Cisco BBSM 5.1 and BBSD Installation Guide* (order number DOC-7812741=)
- *Cisco BBSM 5.1 Software Configuration Guide* (available on Cisco.com)
- *Cisco BBSD (Director) Software Configuration Guide* (available on Cisco.com)
- *Cisco BBSM 5.1 SDK Developer Guide* (available on Cisco.com)
- *Cisco BBSM Hardware Assembly Guide* (order number DOC-7812740=)
- *Requires Immediate Attention Card for Cisco BBSM Server* (order number DOC-7813057=)

Obtaining Documentation

These sections explain how to obtain documentation from Cisco Systems.

World Wide Web

You can access the most current Cisco documentation on the World Wide Web at this URL:

<http://www.cisco.com>

Translated documentation is available at this URL:

http://www.cisco.com/public/countries_languages.shtml

Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual subscription.

Ordering Documentation

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Networking Products MarketPlace:

http://www.cisco.com/cgi-bin/order/order_root.pl

- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:
<http://www.cisco.com/go/subscription>
- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, U.S.A.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

You can submit comments electronically on Cisco.com. In the Cisco Documentation home page, click the **Fax** or **Email** option in the “Leave Feedback” section at the bottom of the page.

You can e-mail your comments to bug-doc@cisco.com.

You can submit your comments by writing to the following address:

Cisco Systems
 Attn: Document Resource Connection
 170 West Tasman Drive
 San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

Cisco provides Cisco.com as a starting point for all technical assistance. Customers and partners can obtain online documentation, troubleshooting tips, and sample configurations from online tools by using the Cisco Technical Assistance Center (TAC) Web Site. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC Web Site.

Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information, networking solutions, services, programs, and resources at any time, from anywhere in the world.

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<http://www.cisco.com>

Technical Assistance Center

The Cisco Technical Assistance Center (TAC) is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two levels of support are available: the Cisco TAC Web Site and the Cisco TAC Escalation Center.

Cisco TAC inquiries are categorized according to the urgency of the issue:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.
- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.
- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

The Cisco TAC resource that you choose is based on the priority of the problem and the conditions of service contracts, when applicable.

Cisco TAC Web Site

You can use the Cisco TAC Web Site to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC Web Site, go to this URL:

<http://www.cisco.com/tac>

All customers, partners, and resellers who have a valid Cisco service contract have complete access to the technical support resources on the Cisco TAC Web Site. The Cisco TAC Web Site requires a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to this URL to register:

<http://www.cisco.com/register/>

If you are a Cisco.com registered user, and you cannot resolve your technical issues by using the Cisco TAC Web Site, you can open a case online by using the TAC Case Open tool at this URL:

<http://www.cisco.com/tac/caseopen>

If you have Internet access, we recommend that you open P3 and P4 cases through the Cisco TAC Web Site.

Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses priority level 1 or priority level 2 issues. These classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer automatically opens a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to this URL:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled: for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). When you call the center, please have available your service agreement number and your product serial number.

This document is to be used in conjunction with the documents listed in the “[Related Publications](#)” section.

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