

Windows Security Updates for December 2005 – (MS05-054 MS05-055)

Advisory Original Release Date: December 14, 2005

Last Revised: December 14, 2005

Number: ASA-2005-234

Risk Level: Low

Advisory Version: 1.0

Advisory Status: Final

Overview: Microsoft issued a security bulletin summary for December 2005 which contained two security advisories: MS05-054 and MS-05-055. These advisories describe vulnerabilities in the Microsoft Operating System. A description of the vulnerabilities can be found at:

<http://www.microsoft.com/technet/security/bulletin/ms05-dec.mspx>

Certain Avaya products utilize Microsoft Operating Systems and may be affected by these vulnerabilities.

Avaya Software-Only Products

Avaya software-only products operate on general-purpose Operating Systems. Occasionally vulnerabilities may be discovered in the underlying Operating System or applications which come with the Operating System. These vulnerabilities often do not impact the software-only product directly but may threaten the integrity of the underlying platform.

In the case of this advisory Avaya software-only products are not affected by the vulnerabilities directly but the underlying Microsoft platform may be. For affected Microsoft Operating Systems, Microsoft recommends installing patches. Detailed instructions from patching the Operating System are given by Microsoft at the following links:

<http://www.microsoft.com/technet/security/bulletin/ms05-054.mspx>

<http://www.microsoft.com/technet/security/bulletin/ms05-055.mspx>

The following Avaya software-only products run on Microsoft Operating Systems and may have been installed on a vulnerable Microsoft Operating System. Customers should determine on which Microsoft Operating System the product was installed and then follow Microsoft's guidance for applying patches:

Software-Only Products

Product	Software Version
Avaya Agent Access	All Versions
Avaya Basic Call Management System Reporting Desktop – server	All Versions

Avaya Basic Call Management System Reporting Desktop – client	All Versions
Avaya CMS Supervisor	All Versions
Avaya Computer Telephony	All Versions
Avaya CVLAN Client	All Versions
Avaya Enterprise Manager	All Versions
Avaya Integrated Management	All Versions
Avaya Interaction Center	All Versions
Avaya Interaction Center - Voice Quick Start	All Versions
Avaya IP Agent	All Versions
Avaya IP Softphone	All Versions
Avaya Modular Messaging	All Versions
Avaya Network Reporting	All Versions
Avaya OctelAccess® Server	All Versions
Avaya OctelDesigner™	All Versions
Avaya Operational Analyst	All Versions
Avaya Outbound Contact Management	All Versions
Avaya Speech Access	All Versions
Avaya Unified Communication Center	All Versions
Avaya Unified Messenger ®	All Versions
Avaya Visual Messenger™	All Versions
Avaya Visual Vector Client	All Versions
Avaya VPNmanager™ Console	All Versions
Avaya Web Messenger	All Versions

Avaya System Products

Avaya system products include an Operating System with the product when it is delivered. The system products described below are delivered with a Microsoft Operating System. Actions to be taken with these products are also described below.

Product	Affected S/W Version	Recommended Actions
Unified Communications Center (UCC) - S3400	All Versions	Follow Microsoft's recommendation for installing the Operating System patch: MS05-054, MS05-055 The Unified Communications Center product is deployed with the Microsoft Windows 2000 Operating System.
Modular Messaging - Messaging Application Server (MAS)	All Versions	Follow Microsoft's recommendation for installing the Operating System patch: MS05-054, MS05-055

		The Modular Messaging - Messaging Application Server (MAS) is deployed with the Microsoft Windows 2000 Operating System.
S8100/DefinityOne/IP600 Media Servers	All Versions	Follow Microsoft's recommendation for installing the Operating System patch: MS05-054, MS05-055 These products are deployed with either the Microsoft Windows 2000 Operating System or the Microsoft Windows NT Operating System.

Recommended Actions: Avaya recommends that the Microsoft patches and/or workaround solutions are applied for the vulnerability outlined in the above system product table.

Although certain Avaya system products utilize Microsoft Operating Systems and may be affected by these vulnerabilities, Avaya recommends that the use of e-mail clients and Internet browsers be restricted on Avaya system products (i.e. Outlook Express and Internet Explorer). The use of browsers should be restricted to authorized users-only as well as limited to the operational-needs of the product. Unrestricted access to the Intranet or Internet should be prohibited beyond the necessary functions of the product's web administration interface and to obtaining patches. This reduces the risk of vulnerabilities in these applications.

Further information regarding the Microsoft patches on Avaya system products is below:

MS05-054 Cumulative Security Update for Internet Explorer (905915): Several vulnerabilities exist if an attacker is logged on with administrative user rights, which would allow an attacker who successfully exploited the most severe of these vulnerabilities could take complete control of an affected system. An attacker could then install programs; view, change, or delete data; or create new accounts with full user rights. Users whose accounts are configured to have fewer user rights on the system could be less impacted than users who operate with administrative user rights. These vulnerabilities all require administrative rights to be exploited. These vulnerabilities impact S8100/DefinityOne/IP600 Media Servers, Modular Messaging Message Application Server (MAS), and Unified Communication Center. The Common vulnerabilities and Exposures project (cve.mitre.org) has assigned the names [CVE-2005-2829](#), [CVE-2005-2830](#), [CVE-2005-2831](#), and [CVE-2005-1790](#) to these issues.

MS05-055 Vulnerability in Windows Kernel Could Allow Elevation of Privilege (908523): A privilege elevation vulnerability exists in the way that asynchronous procedure calls are processed within the kernel. This vulnerability could allow a logged on user to take complete control of the system. An attacker must have valid logon credentials and be able to log on locally to exploit this vulnerability. The vulnerability could not be exploited remotely or by anonymous users. This vulnerability impacts S8100/DefinityOne/IP600 Media Servers, Modular Messaging Message Application Server (MAS), and Unified Communication

Center. The Common vulnerabilities and Exposures project (cve.mitre.org) has assigned the name [CVE-2005-2827](#) to this issue.

Additional Information: Additional information may also be available via the Avaya support website (<http://support.avaya.com>) and through your Avaya account representative. Please contact your Avaya product support representative, or dial 1-800-241-2121, with any questions.

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Revision History:

V 1.0 - December 14, 2005 - Initial statement issued.

Send information regarding any discovered security problems with Avaya products to either the contact noted in the product's documentation or securityalerts@avaya.com.

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