

Security Patches for Mindray Products Running on Windows OS (June, 2022)

CONTENT

To Whom It May Concern,

Below content is only for your information.

Introduction:

We have reviewed the applicability to Mindray products of the Microsoft Windows security patches released in June, 2022. The following CVEs have been evaluated:

CVE Identifiers

- CVE-2022-32230 Windows SMB Denial of Service Vulnerability
- CVE-2022-30166 Local Security Authority Subsystem Service Elevation of Privilege Vulnerability
- CVE-2022-30165 Windows Kerberos Elevation of Privilege Vulnerability
- CVE-2022-30164 Kerberos AppContainer Security Feature Bypass Vulnerability
- CVE-2022-30163 Windows Hyper-V Remote Code Execution Vulnerability
- CVE-2022-30162 Windows Kernel Information Disclosure Vulnerability
- CVE-2022-30161 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2022-30160 Windows Advanced Local Procedure Call Elevation of Privilege Vulnerability
- CVE-2022-30155 Windows Kernel Denial of Service Vulnerability
- CVE-2022-30154 Microsoft File Server Shadow Copy Agent Service (RVSS) Elevation of Privilege Vulnerability
- CVE-2022-30153 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2022-30152 Windows Network Address Translation (NAT) Denial of Service Vulnerability
- CVE-2022-30151 Windows Ancillary Function Driver for WinSock Elevation of Privilege Vulnerability
- CVE-2022-30150 Windows Defender Remote Credential Guard Elevation of Privilege Vulnerability
- CVE-2022-30149 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2022-30148 Windows Desired State Configuration (DSC) Information Disclosure Vulnerability
- CVE-2022-30147 Windows Installer Elevation of Privilege Vulnerability
- CVE-2022-30146 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2022-30145 Windows Encrypting File System (EFS) Remote Code Execution Vulnerability
- CVE-2022-30143 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2022-30142 Windows File History Remote Code Execution Vulnerability

- CVE-2022-30141 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2022-30140 Windows iSCSI Discovery Service Remote Code Execution Vulnerability
- CVE-2022-30139 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2022-30136 Windows Network File System Remote Code Execution Vulnerability
- CVE-2022-30135 Windows Media Center Elevation of Privilege Vulnerability
- CVE-2022-30132 Windows Container Manager Service Elevation of Privilege Vulnerability
- CVE-2022-30131 Windows Container Isolation FS Filter Driver Elevation of Privilege Vulnerability
- CVE-2022-21166 Intel: CVE-2022-21166 Device Register Partial Write (DRPW)
- CVE-2022-21127 Intel: CVE-2022-21127 Special Register Buffer Data Sampling Update (SRBDS Update)
- CVE-2022-21125 Intel: CVE-2022-21125 Shared Buffers Data Sampling (SBDS)
- CVE-2022-21123 Intel: CVE-2022-21123 Shared Buffers Data Read (SBDR)

For more details, please refer to the Microsoft website:

<https://portal.msrc.microsoft.com/en-us/security-guidance>.

Impacted Mindray Products:

The following table lists the impacted device and those hotfixes determined to be applicable to each device:

Product	OS	Hotfix	Download website	Pre-installed patch
BeneVision CMS	Windows 10 Professional SP1 64bit 1809	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5014702	windows10.0-kb5014702-x86_1a4d4017a798d7ace9e413490dd673f7871a6a86.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5014746	windows8.1-kb5014746-x64_0bd802a61d7577128b19e53d31930e6256498cb8.msu	
	Windows Server 2016	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
BeneVision CMS Viewer	Windows 10 Professional SP1 64bit 1809	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607	KB5014702	windows10.0-kb5014702-	KB4498947

	for 32-bit		x86_1a4d4017a798d7ace9e413490d673f7871a6a86.msu	KB4132216
	Windows 10 1607 for x64-based	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5014738	windows8.1-kb5014738-x64_5a8213e20854c2462b6b3dd005fe30caba1a7da2.msu	
Hypervisor X CMS	Windows 10 Professional SP1 64bit 1809	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5014702	windows10.0-kb5014702-x86_1a4d4017a798d7ace9e413490d673f7871a6a86.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
eGateway	Windows 10 Professional SP1 64bit 1809	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for x64-based	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5014746	windows8.1-kb5014746-x64_0bd802a61d7577128b19e53d31930e6256498cb8.msu	
	Windows Server 2016	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
MLDAP Server	Windows 10 1607 for x64-based	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5014738	windows8.1-kb5014738-x64_5a8213e20854c2462b6b3dd005fe30caba1a7da2.msu	
	Windows Server 2016	KB5014702	windows10.0-kb5014702-x64_48f484f06070f3dee90aa62a574d9c1e1b774b2a.msu	KB4498947 KB4132216
	Windows Server 2019	KB5014692	windows10.0-kb5014692-x64_14bce6a6e97c5f43c7cc361d639702ed84ef302a.msu	KB5005112 KB5003243 KB4587735

BeneVision Mobile Server	Windows Server 2016	KB5014702	windows10.0-kb5014702-x64-48f484f06070f3dee90aa62a574-d9c1e1b774b2a.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5014738	windows8.1-kb5014738-x64-5a8213e20854c2462b6b3dd00-5fe30caba1a7da2.msu	
	Windows Server 2019	KB5014692	windows10.0-kb5014692-x64-14bce6a6e97c5f43c7cc361d639-702ed84ef302a.msu	KB5005112 KB5003243 KB4587735
iView	Windows 10 1607 for x64-based	KB5014702	windows10.0-kb5014702-x64-48f484f06070f3dee90aa62a574-d9c1e1b774b2a.msu	KB4498947 KB4132216

Conclusion and Recommendation:

We have validated that the Mindray products of the latest version can perform to specification with the applicable patches applied to the OS. It is recommended that the applicable patches defined in the table above should be installed on the affected Mindray products.

If you need information on how to obtain the approved patches or have any question, please feel free to contact Mindray regional service engineer or Mindray Service Department (email: service@mindray.com).

Thank you for your kind attention and cooperation.

Sincerely yours,

Mindray Service Department
Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

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