Bitdefender®

Security Server Multi-Platform Release Notes

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1. 2021

1.1. Versions 6.2.2.10607 And 6.2.2.10609

Release date:

- Fast ring: 2021.04.16
- Slow ring: 2021.04.19

Improvements
Product

- Bitdefender upgrades the operating system of the Security Server to Ubuntu 20.04. You can perform the OS update through the **Update Security Server** task from Control Center. For detailed information, best practices and upgrade steps, refer to Update the operating system of the Security Server to Ubuntu 20.04 LTS.

> **Warning**
> Before proceeding with the update, we strongly advise you to take snapshots of the Security Server appliances.

> **Note**
> You may notice one of these Security Server versions in Control Center:
>
> - 6.2.2.10607 - when updating from an older version based on Ubuntu 16.04
> - 6.2.2.10609 - when deploying a new image
>
> Final version that will appear in Control Center after the update is 6.2.2.10608.

1.2. Version 6.2.5.11201

Release date:

- Fast ring: 2021.12.16
- Slow ring: 2021.12.20

Improvements
General

- The Security Server now retries failed updates.
- Implemented a cleanup mechanism to remove unnecessary files.

1.3. Version 6.2.4.11063

Release date: 2021.10.21

Improvements
General

- All connections to Bitdefender servers are now performed via HTTPS.

1.4. Version 6.2.4.11021

Release date: 2021.09.30

Resolved Issues
General

- Security fixes.
- The Security Server embedded into GravityZone virtual appliance is no longer incorrectly displaying the 127.0.0.1 IP address.

1.5. Version 6.2.3.10978

Release date:

- Fast ring: 2021.09.02
- Slow ring: 2021.09.02

Resolved Issues
General

Security Server was seen as Relay after the update to version 6.2.3.10956.

1.6. Version 6.2.3.10956

Release date:

- Fast ring: 2021.08.30
- Slow ring: 2021.09.01

Improvements
General

- Updated the library for the communication with GravityZone Control Center.

1.7. Version 6.2.1.10665

Release date:

- Fast ring: 2021.05.13
- Slow ring: 2021.05.13

Resolved Issues
Product

- An incompatibility of the Citrix hypervisors prevented the Security Server OS upgrade to Ubuntu 20.04. Citrix has solved the issue and released the Citrix XS71ECU2060 hotfix for Citrix XenServer 7.1 LTSR.
  LTSR and Citrix Hypervisor 8.2 LTSR. For detailed information, best practices and upgrade steps, refer to Update the operating system of the Security Server to Ubuntu 20.04 LTS.

> **Warning**
> Before proceeding with the update, we strongly advise you to take snapshots of the Security Server appliances.

> **Note**
> Final version that will appear in Control Center after the update is 6.2.2.10608.

1.8. Version 6.1.79.10425

Release date:

- Fast ring: 2021.03.16
- Slow ring: 2021.03.16

Resolved Issues

Antimalware

- Resolved an issue with scheduled security content updates.
- Resolved an issue with security content update through proxy.

1.9. Version 6.1.79.10417

Release date:

- Fast ring: 2021.03.15
- Slow ring: 2021.03.15

Resolved Issues

Product

- Policy was pending after installing the Security Server from an OVA. The issue occurred when the Security Server was connected to a GravityZone cloud console.

1.10. Version 6.1.79.10397

Release date:

- Fast ring: 2021.03.11
- Slow ring: 2021.03.11

> **Important**
> This version includes all improvements and fixes delivered with version 6.1.79.10377 [6], released only on fast ring.

Resolved Issues

HVI

- Resolved a critical issue that occurred after updating from the previous version.

1.11. Version 6.1.79.10377

Release date:

- Fast ring: 2021.03.04
- Slow ring: -

Improvements
Security for Storage

- Improved the prefiltering technologies for automatic file submission to Sandbox Analyzer. As a result, file selection is more rigorous.
- Added support for automatic malware submission to Sandbox Analyzer.

> **Note**
> Files detected as malware may be sent for a deeper analysis in Sandbox Analyzer after the GravityZone release scheduled in April.

HVI

- Added support for the following operating systems:
  - Ubuntu 20.04
  - Oracle Linux 8 UEK
  - Oracle Linux 8.2
  - SUSE Linux Enterprise Server 15 SP2

2. 2020

2.1. Version 6.1.78.10210

Release date:

- Fast ring: 2020.11.17
- Slow ring: 2020.11.17

Improvements
General

- Applied security patches to the underlying operating system of the Security Server.

HVI

- Added support for Windows 10 20H2.

Resolved Issues
HVI

- Security fixes.

2.2. Version 6.1.78.10100

Release date:

- Fast ring: 2020.08.24
- Slow ring: 2020.08.24

Resolved Issues
HVI

- Minor bug fixes.

2.3. Version 6.1.78.10081

Release date:

- Fast ring: 2020.07.30
- Slow ring: 2020.07.30

Improvements
General

- Updates from the Bitdefender fallback Update Servers are now performed only via HTTPS. Learn more.

HVI

- Added support for Citrix Hypervisor 8.2.

2.4. Version 6.1.77.10028

Release date:

- Fast ring: 2020.06.29
- Slow ring: 2020.07.01

> **Important**
> This update requires Security Servers based on OS versions above Ubuntu 12.04. If you have Security Servers with this version of Ubuntu or a previous one, you are strongly advised to replace them. For more information, refer to End of support for Bitdefender Security Server based on Ubuntu 12.04.

Improvements
General

- Added storage support for Remote Troubleshooting logs in Bitdefender Cloud (AWS S3).
- Added support for user control over the data that Security Server sends to Bitdefender.

> **Note**
> On this occasion, we would like to reassure you that your data is safe with Bitdefender. We protect it according to the privacy policy and existing regulations.

- Security Server now reports more details regarding its update status, such as timestamps for successful operations, and the source location of the update files.
  You can view these details in the **Control Center > Network** page, by viewing the **Information > Protection** tab for the selected Security Server.

Antimalware

- Several anti-exploit improvements.

HVI

- Added support for the following operating systems:
  - Ubuntu 20.04 LTS
  - Red Hat Enterprise Linux 8.2
  - CentOS 8.2
  - Windows 10 20H1

2.5. Version 6.1.76.9814

Release date:

- Fast ring: 2020.04.15
- Slow ring: 2020.04.15

Improvements
Antimalware

- Improved the performance of the scan load balancing mechanism running unequal distribution mode.

Resolved Issues

Antimalware

- Resolved an issue affecting load balancing equal distribution mode in scenarios where multiple On-Demand Scan tasks were requested.

Security for Storage

- Resolved a cache invalidation issue affecting ICAP Server when connecting to Sandbox Analyzer for the first time.

HVI

- Resolved minor service stability and performance issues.

2.6. Version 6.1.75.9595

Release date:

Fast ring: 2020.02.18
Slow ring: 2020.02.18

New Features

General

- Added support for upcoming GravityZone features.

Improvements

HVI

- Added support for CentOS and Red Hat Enterprise Linux 6.8, 6.9 and 6.10.
- Added support for scanning certain parts of an application's memory with the Antimalware engines.

Resolved Issues

HVI

- Fixed an issue that was preventing protection from starting properly on Debian 8.
- Several minor bug fixes.

Removed Features

HVI

- Removed support for Citrix XenServer 7.5.
- Disabled an optimization available for platforms with #VE support to avoid a security risk.

Known Issues

HVI

HVI protection is unavailable for Linux guests on XenServer 7.0 until further notice.

2.7. Version 6.1.74.9485

Release date:

Fast ring: 2020.01.30
Slow ring: 2020.01.30

Resolved Issues
General

- Fixed several minor issues.

3. 2019

3.1. Version 6.1.74.9417

Release date:

Fast ring: 2019.12.18
Slow ring: 2019.11.19

Security

• Applied the latest OS security patches on the Security Server.

Improvements
Antimalware

• Improved the caching technology and Antimalware scanning performance.

Resolved Issues
General

• CPU usage was high during On-Demand Scan tasks covering multiple VMs.

Security for Storage

• The service SSL certificates update was causing stability issues affecting the ICAP server.

HVI

• In some corner cases, the introspection engine was generating false positive alerts.
• Other minor service stability issues.

3.2. Version 6.1.73.9218

Release date:

Fast ring: 2019.11.05
Slow ring: 2019.11.06

Improvements
Security for Storage

• Added support for content submission from Sandbox Analyzer On-premises ICAP clients to Sandbox Analyzer On-premises. For more information, read the GravityZone Release Notes.

HVI

• Added support for CentOS 8 and Windows 10 19h2.

3.3. Version 6.1.72.8965

Release date: 2019.09.26

New Features And Improvements

HVI

- Security Server is now able to scan command lines.

Resolved Issues

General

- Resolved some crashes of the Security Server services that caused malfunction of the equal distribution mode for load balancing.
- Uninstalling via GravityZone task failed when multiple Security Servers were deployed on the same Citrix Xen host.
- Fixed several issues that caused high memory consumption on machines having over 16 GB of RAM.

Known Issues

HVI

- Pausing and then resuming a VM running SUSE Linux Enterprise Server (SLES) 12 SP1 affects the ability of HVI to properly protect it.

General

- In some corner case scenarios, Security Server may cause virtual machines to stop working.

3.4. Version 6.1.71.8593

Release date: 2019.07.04

New Features And Improvements

General

- Added support for update rings. Security Server updates will be released on Fast and Slow rings.

Antimalware

- Security Servers now support evenly distribution of assigned endpoints, through the new Load Balancing mechanism.

3.5. Version 6.1.70.8478

Release date: 2019.06.19

New Features And Improvements

General

- Security Server can receive updates through a HTTPS secured channel. Make sure to open port 443 to allow communication with Bitdefender Update Servers. Learn more.

HVI

- Added support for the following Windows operating systems:

- Windows 10 version 1903 or 19H1, x32 and x64
- Red Hat Enterprise Linux 8, x64
- Performance improvements on the protected Linux VMs.
- Overall performance improvements on hosts with Broadwell processors or newer.
- HVI support for new versions of the operating systems is now performed on-the-fly, without the need of product update.

Antimalware

- Improved the scanning caching mechanism.

Resolved Issues
General

- In all-in-one GravityZone deployments, regardless of the installation method – automatic or manual, Security Server was incorrectly reporting as outdated.

Antimalware

- The encryption mechanism on the scanning channel between Bitdefender Endpoint Security Tools and Security Server was malfunctioning.
- Bitdefender Endpoint Security Tools with Central Scan was generating a deadlock on Windows Server 2008 R2 systems due to an issue at Security Server.
- Resolved several issues with a minor impact on product stability.

3.6. Version 6.1.69.8234
Release date: 2019.05.14

Resolved Issues
Antimalware

- Updated the sensitivity of the algorithm for computing the overload. Security Server will report a more accurate overload status in Control Center.

HVI

- On specific builds of Windows 10 RedStone 4, the hooking of memory pages was malfunctioning. In such scenarios false positives were created.

3.7. Version 6.1.69.8084
Release date: 2019.04.18

New Features And Improvements
General

- Applied the latest security patches to Security Server's operating system.

Antimalware

- Security Server is reporting a more accurate load status in Control Center.

HVI

- Added a new protection layer for Descriptor Table Register to ensure the integrity of the guest VM.
  This layer is embedded in the Kernel space module and enabled via the **IDT/GDT integrity** policy option.
- Implemented a Denial of Service mechanism to prevent flooding of the Control Center with events during continuous attacks.

Resolved Issues
General

- The memory dumps could fill all available disk space in case of consecutive crashes of the Security Server services.

Antimalware

- The encryption mechanism on the scanning channel between Bitdefender Endpoint Security Tools and Security Servers was malfunctioning.
- When using the HyperDetect technology, caching of clean command line instructions was not performed as intended.
- When used in conjunction with the Storage Protection feature, some scanning options were not functioning properly.

HVI

- In XenServer 7.6 environments, the policy was reset to Default when VMs migrated to other hosts.
- Resolved some false positives caused by Java compatibility issues.

Security for Storage

- When multiple Security Servers were configured in Nutanix AFS, they were not properly leveraging the caching mechanism of the NAS.

> **Note**
> This feature requires all Security Servers to have the date synchronized.

3.8. Version 6.1.68.7705

Release date: 2019.02.12

New Features And Improvements
General

- Applied the latest security patches to Security Server's operating system.
- Security Server has now SNMP packages installed by default. However, you need to add the `snmpd` daemon to startup in case SNMP queries are to be used.

HVI

- Improved the product stability in HVI stress scenarios related to a high amount of changes at the policy settings.

- Added support for SUSE Linux Enterprise Server 12 SP4, 64-bit
- Added support for Windows 10 Redstone 5, 64-bit with KB4476976 applied

Security for Storage

- Added an advanced caching mechanism to improve scanning speed for any supported storage device.
- Other minor improvements