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Armor Knowledge Base

Armor Knowledge Base / Release Notes / 2019

December 4, 2019

Topics Discussed

[Virtual Machines](#), [Firewall Rules](#), [Vulnerability Scanning](#), [Bug Fixes](#)

Virtual Machines

[UPDATE](#)

In the Armor Management Portal (AMP), on the **Virtual Machines** screen, the new **Sub-Agent Health Detail** pages provide you with service health details for each of your sub-agents.

This useful information will allow you to perform remediation in a timely manner.

- The new **Sub-Agent Health Table** displays the sub-agent health related to your Armor-protected virtual machines.

The screenshot shows the AMP interface for a virtual machine named 'Documentation VM'. A table lists the health of various sub-agents. The table has columns for 'Agent', 'Product', 'Sub-Agent Version', 'Status', and 'Message'. The sub-agents listed are: Armor Agent (Version 2.6.1.4, Status OK), File Logging (Product Filebeat, Version 6.2-ubuntu-08_54, Status OK), FIM (Product Teneo, Version 11.3.202, Status OK), Malware Protection (Product Teneo, Version 11.3.202, Status OK), OS Monitoring (Product Pionagle, Version 10.20.4, Status OK), Vulnerability Scanning (Product Rapid7, Version 107627626, Status OK), and Windows Event Logging (Product Winlogbeat, Version winlogbeat-6.7-1-ubuntu-08_54, Status OK).

- You can review specific information and troubleshooting steps for the each sub-agent. Details for the **Armor Agent** service are displayed in the below example.

The screenshot shows the details for the 'ARMOR AGENT' sub-agent. The status is 'Ok' with 'Product: Armor Agent' and 'Version: 2.6.1.4'. A list of services is shown: File Logging, File Integrity Monitoring, Malware Protection, OS Monitoring, Vulnerability Scanning, and Windows Event Logging. The 'DETAILS' section shows the heartbeat status: 'LAST HEARTBEAT Today, 12:11 PM' and 'HEARTBEAT WINDOW Today, 8:35 AM - Today, 12:35 PM'. There are two remediation options: 'Restart Armor Agent' and 'Upgrade Armor Agent', both with 'Copy' buttons. At the bottom, it shows 'Agent Version' with 'INSTALLED VERSION 2.6.1.4' and 'CURRENT VERSION 2.6.1.4'. A note at the bottom states: 'If you are still having issues with the armor agent, please create an armor support ticket and include the armor log file: The armor log file is in C:\ProgramData\armor\'. There are also 'Copy' buttons for the log file paths.

To learn more, see the [Virtual Machines](#) and [ANYWHERE Virtual Machines](#) documentation.

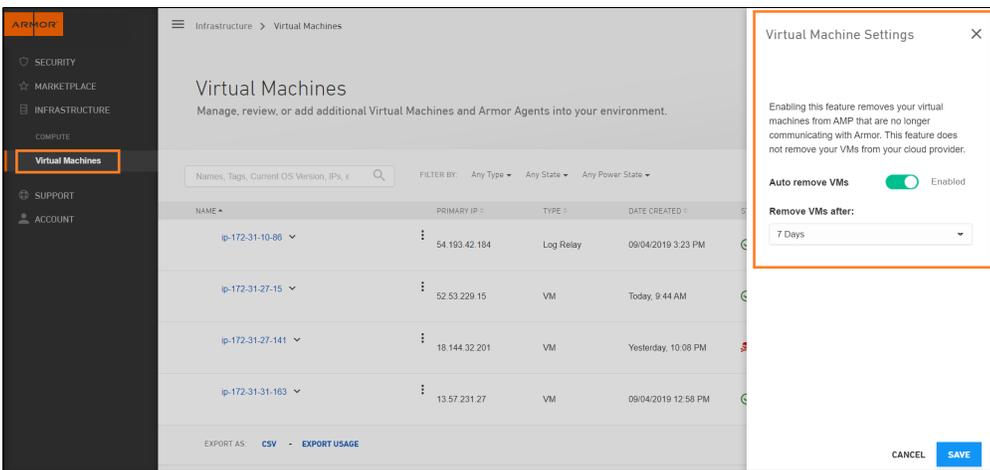
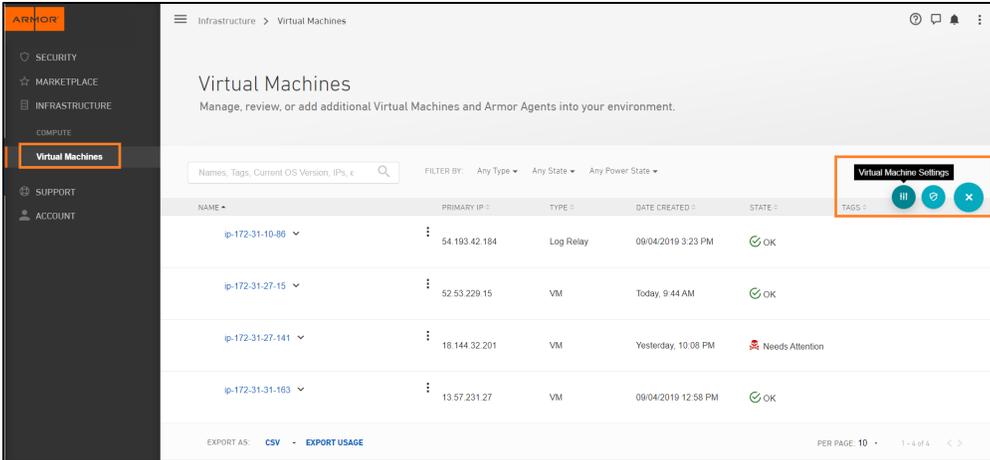
Virtual Machines

[UPDATE](#)

In the Armor Management Portal (AMP), the **Virtual Machines** screen has been updated to include an **Auto-Remove** feature for Armor Anywhere virtual machines. This feature will allow you to better manage which virtual machines display in AMP.

The **Auto-Remove** setting can be found within the new **Virtual Machine Settings** cog option on the **Virtual Machines** screen. This setting is limited to users in the Admin role only.

When this feature is enabled, any Anywhere virtual machines that are no longer communicating with Armor will be removed from AMP.



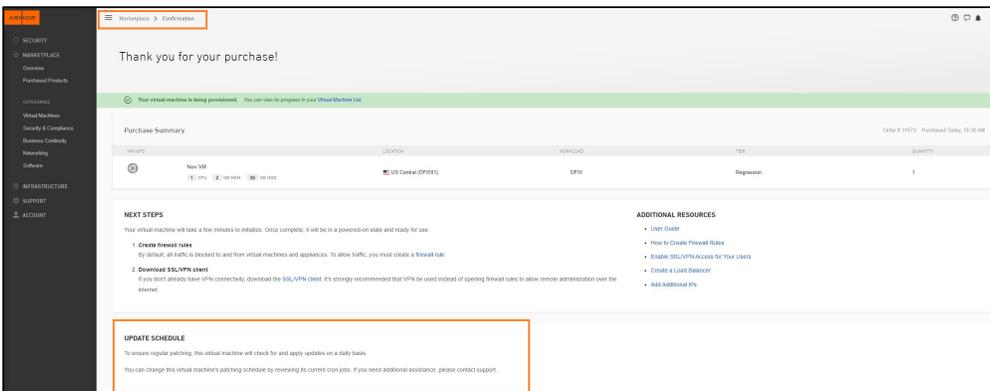
To learn more, review the [ANYWHERE Virtual Machines](#) documentation in the external KB.

Marketplace UPDATE

As part of this release, R1Soft appliances will now be enrolled in automatic patching. This change will allow R1Soft appliances to remain current.

In the **Marketplace**, the Virtual Machines purchase confirmation screen has been updated to include an **Update Schedule** section. Within this section, users will find details on the patching schedule for that particular virtual machine.

Linux VM



Windows VM

The screenshot shows the 'Thank you for your purchase!' page for a Windows VM. It includes a purchase summary table, next steps for setup, and an update schedule section. The update schedule section is highlighted with an orange box.

VM SKU	LOCATION	WORKLOAD	TIER	QUANTITY
Next New VM	US Central (DFW)	DFW	Region	1

UPDATE SCHEDULE

To ensure regular patching, this virtual machine has been enrolled in the following Windows Server Update Services (WSUS) group:

GROUP NAME	TIME WALK
SCHEDULE	Every Day 01:00 AM - 01:15 AM (UTC)

It is required that all Windows virtual machines participate within a WSUS group, and the application of certain patches may require reboots. To request a change to this virtual machine's patching schedule, please submit a support request.

Firewall Rules UPDATE

In the Armor Management Portal (AMP), Firewall Rule **Notes** will now be tracked on the **Account Activity** screen.

The screenshot shows the 'Account Activity' screen with a table of recent events. The table is filtered by 'Firewall' and shows activities related to Firewall Rule changes. The table is highlighted with an orange box.

USER	TYPE	DATE	ACTIVITY
	Firewall	Today, 11:38 AM	Edited note for Firewall Rule 'enable internet for eicar file'
Jeremy ANSQR	Firewall	Today, 11:35 AM	Edited note for Firewall Rule 'enable internet for eicar file'
Jeremy ANSQR	Firewall	Today, 11:35 AM	Edited note for Firewall Rule 'Panopta-Test'
Jeremy ANSQR	Firewall	Today, 11:35 AM	Note added to Firewall Rule 'Panopta-Test'
	Firewall	Today, 11:32 AM	Edited note for Firewall Rule 'ip-rule-555'
	Firewall	Today, 11:32 AM	Note added to Firewall Rule 'ip-rule-555'

In addition, the **Account Activity** CSV export file has been updated to include a more detailed breakdown of Firewall Rule changes/activity. This information was previously displayed in one column within the export file.

This update will allow you to access more information regarding changes to your firewall rules.

Vulnerability Scanning UPDATE

In the Armor Management Portal (AMP), the **Vulnerability Scanning** screen has been updated.

On the **Vulnerability Scan Report**, the following changes were made to the **By Vulnerabilities** tab:

- Removed the **Date Discovered** and **CVSS** columns
- Added the **Category** and **Known Exploits** columns
- Added the ability to filter by **Known Exploits**
 - Modified the **Severity** filter

VULNERABILITY NAME	AFFECTED ASSETS	CATEGORY	KNOWN EXPLOITS	SEVERITY
CVE-2016-7171 (Multiple Advisories) kernel	FINANCIAL SERVICES	REMOTE EXECUTION	No	Critical
CVE-2016-8550 (Multiple Advisories) kernel	FINANCIAL SERVICES	DENIAL OF SERVICE	No	Critical
CVE-2017-7895 (Multiple Advisories) kernel	FINANCIAL SERVICES	INFO	No	Critical
CVE-2017-11770 (Multiple Advisories) kernel	FINANCIAL SERVICES	DENIAL OF SERVICE	No	Critical
CVE-2016-6902/CVE-2017-0164 - rsyslog	FINANCIAL SERVICES	REMOTE EXECUTION	Yes	Critical
CVE-2017-18017/CVE-2018-1319 - kernel	FINANCIAL SERVICES	DENIAL OF SERVICE	No	Critical
CVE-2016-2834/CVE-2016-2770 - ssa, ssa-vfs	FINANCIAL SERVICES	DENIAL OF SERVICE	No	Critical
CVE-2016-7950 (Multiple Advisories) kernel	FINANCIAL SERVICES	INFO	No	Critical
CVE-2017-1002011 (Multiple Advisories) kernel	FINANCIAL SERVICES	REMOTE EXECUTION	Yes	Critical
CVE-2016-1191 (Multiple Advisories) dhcp	FINANCIAL SERVICES	INFO	Yes	Critical

Additionally, on the **Vulnerability Detail** screen, the **Metadata** section was updated to also include the **Category** and **Known Exploits** fields.

Also part of this release, the **Vulnerability Scan Report** was updated to no longer display vulnerabilities associated with virtual machines that have been terminated or powered off.

To learn more, review the [Vulnerability Scanning](#) and [ANYWHERE Vulnerability Scanning](#) documentation in the external KB.

Bug Fixes

GENERAL

Marketplace

In the Armor Management Portal (AMP), when attempting to add an additional disk to a virtual machine in the Armor Marketplace, in some cases, an error may have been encountered and the request may have been rejected altogether.

This is due to a known VMWare-related issue. Until the issue is resolved by VMWare, the ability to **Configure Storage** (add disks) has been removed from the Marketplace.

To add disks to a virtual machine, you will need to visit the **VM Details** page for the specific virtual machine, then access the **Storage** tab.

The [Virtual Machines in the Marketplace](#) documentation has been updated to reflect this change.

SSL VPN

In the Armor Management Portal (AMP), on the **SSL VPN Activity** screen, there was an issue with SSL VPN activity not filtering correctly. In some instances, activity was only displaying for a single data center.

This issue has been resolved.

Account Activity

In the Armor Management Portal (AMP) and in the Internal Management Console (IMC), there was an issue with the VM Name not displaying for log collector actions on the **Account Activity** screen.

This issue has been resolved.

Protection Dashboard

In the Armor Management Portal (AMP), there was an issue with the number of **Assets Protected** displayed on the **Protection** screen not matching the virtual machines count on the **Virtual Machines** screen.

It was determined that the **Assets Protected** count does not include virtual machines created the same day.

The [Protection Dashboard](#) and [ANYWHERE Protection Dashboard](#) documentation has been updated to include this information.

Sub-Accounts

In the Armor Management Portal (AMP), on the **Sub-Accounts** screen, there was an issue with the data on this screen not filtering correctly based on status. This issue has been resolved.

Also on the **Sub-Accounts** screen, there was an issue with the wrong permission being tied to the mass-invitation feature. This issue has been resolved.

As a result, the new **Write Mass-Invite** permission has been created for the mass-invitation feature.

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