

Software Vulnerability Manager 2019 R5 On-Premises Edition Release Notes

December 2019

Introduction	1
New Features and Enhancements	2
Vendor Patch Module - Automation	2
Software Vulnerability Manager Client ToolKit	4
Flexera SVM Patch Configuration.....	5
Flexera WSUS Management Tool.....	6
Mac Agent Support	8
Ability to Set Maximum Post Data Size	8
CVE Search in Advisory Smart Groups.....	9
CVE Number as Criteria in Host Smart Groups	9
Extended Support in Non IE Browser.....	10
View Installations and Patch Information	10
Vendor Patch Module - Configure View Enhanced	11
Timestamping Services - DigiCert	12
Resolved Issues.....	12
Product Feedback	13
System Requirements	13
Legal Information	14

Introduction

Flexera’s Software Vulnerability Manager 2019 R5 is a Vulnerability and Patch Management Software Solution that facilitates a customized Patch Management process. It combines Vulnerability Intelligence, Threat Intelligence, Vulnerability Scanning, and Patch Creation with Patch Deployment Tool Integration to enable targeted, reliable, and cost-efficient Patch Management.

Vulnerability and Patch Management are critical components of any security infrastructure because they enable proactive detection and remediation of vulnerabilities before they are actively exploited and your security compromised. With Software Vulnerability Manager 2019 R5, IT Operations and Security Teams are empowered to prevent vulnerability threats from both Microsoft and non-Microsoft (third-party) product vulnerabilities, covering Microsoft Windows, Mac OS, and Red Hat Enterprise Linux.

Software Vulnerability Manager 2019 R5 integrates seamlessly with Microsoft® WSUS and System Center Configuration Manager.

New Features and Enhancements

Software Vulnerability Manager 2019 R5 On-Premises Edition includes the following new features and enhancements:

- [Vendor Patch Module - Automation](#)
- [Software Vulnerability Manager Client ToolKit](#)
- [Mac Agent Support](#)
- [Ability to Set Maximum Post Data Size](#)
- [CVE Search in Advisory Smart Groups](#)
- [CVE Number as Criteria in Host Smart Groups](#)
- [Extended Support in Non IE Browser](#)
- [View Installations and Patch Information](#)
- [Vendor Patch Module - Configure View Enhanced](#)
- [Timestamping Services - DigiCert](#)



Note • To see the following new features and enhancements in your Software Vulnerability Manager 2019 R5 interface, you must refresh your browser's cache (press Ctrl+F5).

Vendor Patch Module - Automation

With this release of Software Vulnerability Manager 2019, users can automate deployment of patches supported by Vendor Patch Module. The new option **Subscribe to Package** has been added to right click menu. Subscribed packages will be deployed automatically to configured WSUS using a new tool called **Flexera SVM Patch Configuration**, see [Software Vulnerability Manager Client ToolKit](#).

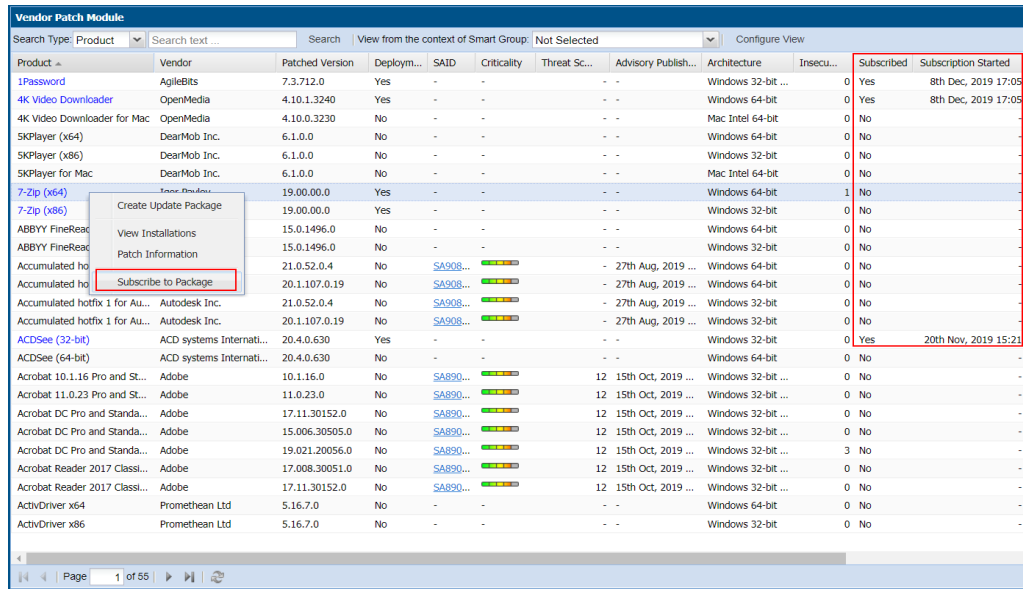


Note • To utilize the Vendor Patch Module - Automation, note the following:

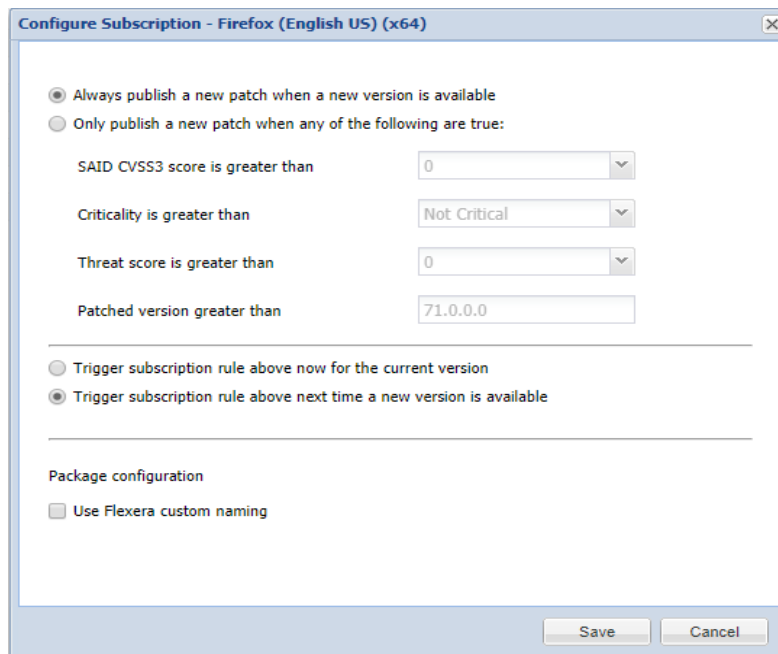
- Vendor Patch Module is an optional feature and must be purchased separately.
- Install the [Software Vulnerability Manager Client ToolKit](#).

To use this option, navigate to **Patching >> Vendor Patch Module**. List of patches appears, you can know a patch whether it is already subscribed and its status in the **Subscribed** and **Subscription Status** column.

Right click on a patch which you want to subscribe, select the option **Subscribe to Package**.



Configure Subscription dialog pane appears, you can choose your preferences from the below options:



Either one of the below preferences must be defined:

- **Always publish a new patch when a new version is available** - Publishes when new version of the patch is available.
- **Only publish a new patch when any of the following are true:** Publishes when any one of the defined preferences are met. To know more about the below preferences, see [Appendix B - About Secunia Advisories](#).
 - **SAID CVSS3 score is greater than**

- **Criticality is greater than**
 - Extremely Critical
 - Highly Critical
 - Moderately Critical
 - Less Critical
 - Not Critical
- **Threat score is greater than**
- **Patched version greater than** - By default, current version of a patch will be displayed.

Either one of these option must be selected to define the deployment schedule based on above preferences:

- **Trigger subscription rule above now for the current version** - Publishes the package right away.
- **Trigger subscription rule above next time a new version is available** - Start publishes the package when newer version is available.

Software Vulnerability Manager Client ToolKit

In addition to the [SVM Multi-Partition Reporting Tool](#) introduced earlier this year, to ease patch automation and WSUS management two tools have been newly added to the **Software Vulnerability Manager Client ToolKit**.

On successful installation of **Software Vulnerability Manager Client ToolKit**, below tools will get install and their respective shortcuts will be created in your desktop.

- [Flexera SVM Patch Configuration](#)
- [Flexera WSUS Management Tool](#)

Prerequisites

The below prerequisites are required:

- .Net Framework 4.6.1 and above.
- OS Requirements:
 - Install Software Vulnerability Manager Client ToolKit in Windows Server 2012 or Windows 8, for Windows 2012 WSUS.
 - Install Software Vulnerability Manager Client ToolKit in Windows Server 2016 or Windows 10, for Windows 2016 WSUS.
- Install both the Software Vulnerability Manager Patch Configuration and WSUS in the same domain.



Important • You must install **Software Vulnerability Manager Patch Client ToolKit** to utilize the *Vendor Patch Module - Automation*. To download this ToolKit, [click here](#).

Flexera SVM Patch Configuration

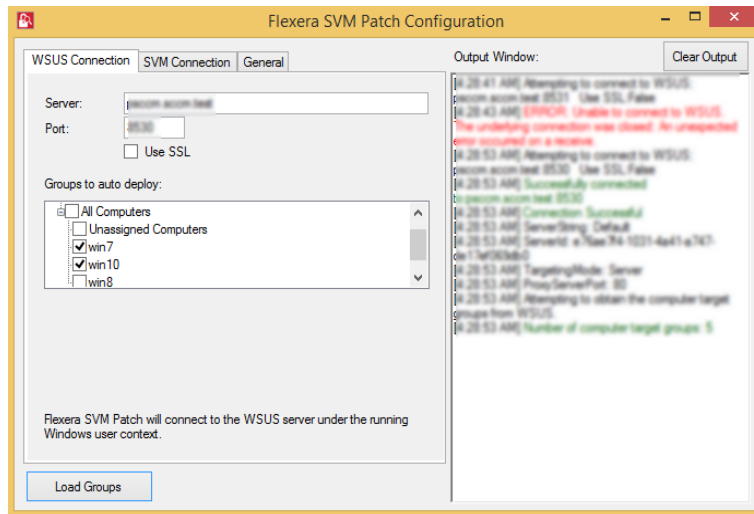
Flexera SVM Patch Configuration integrates Software Vulnerability Manager application with the configured WSUS server to achieve the automation for subscribed packages.

Flexera SVM Patch Configuration, has three tabs:

- [WSUS Connection](#)
- [SVM Connection](#)
- [General](#)

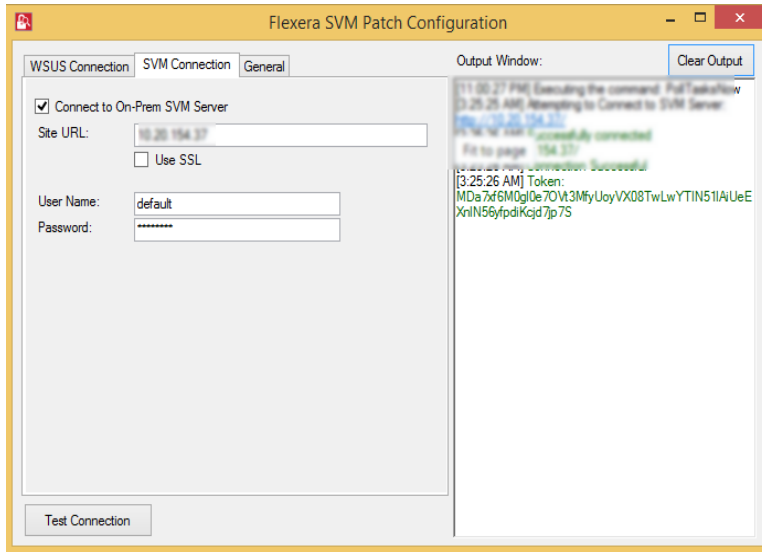
WSUS Connection

WSUS Connection tab prompts you to enter WSUS server credentials and helps you to select computer groups which you want to deploy the packages.



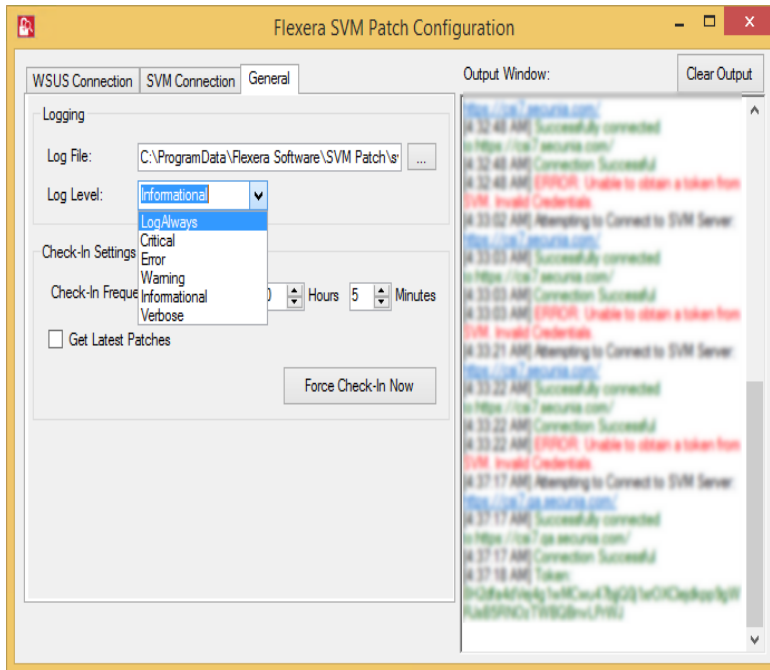
SVM Connection

SVM Connection tab prompts you to enter a SVM credentials and token will be generated on successful connection.



General

In general tab, you can define the folder path for log files and log level need to be captured. You can set the frequencies to trigger the polling in Check-In Settings.



Flexera WSUS Management Tool

Flexera WSUS Management Tool allows you to manage the packages and configuration settings of WSUS.

This Tool consist of below tabs:

- Patching Information

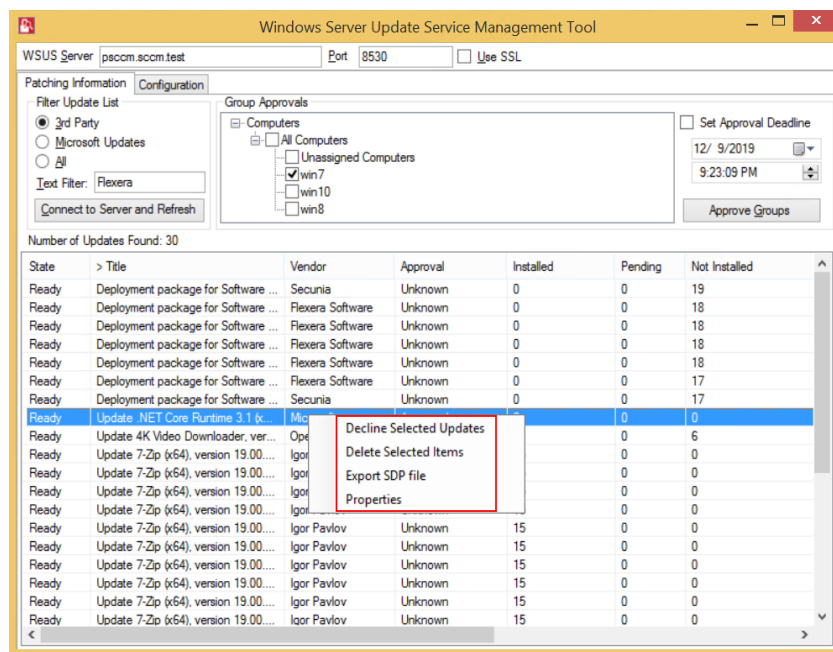
- Configuration

Patching Information

Patching Information tab prompts you to connect to the WSUS server to view the packages, based on the selected filter option, either 3rd party, Microsoft updates, or both. It also allows you to approve, delete, decline the selected patches and select a computer groups where you want to deploy these approved patches, at the set deadline.

It consist of three sections:

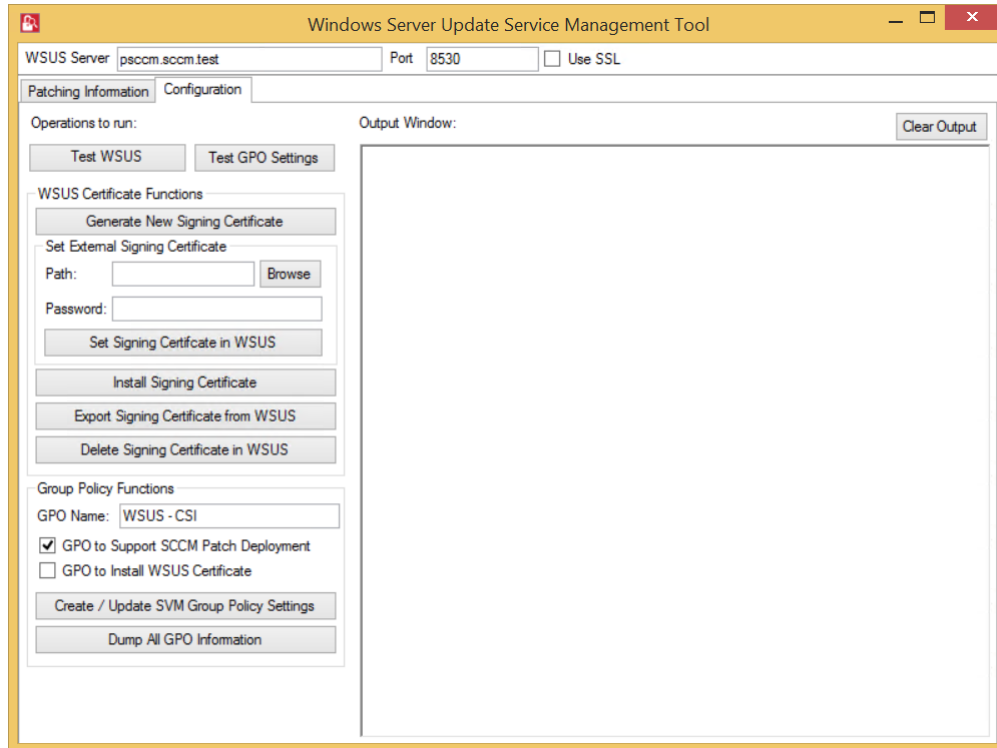
- Filter Update List
- Group Approvals
- Set Approval Deadline



Configuration

In Configuration tab, you can perform the below WSUS configuration actions:

- Test WSUS
- Test GPO Settings
- Generate New Signing Certificate
- Install Signing Certificate
- Export Signing Certificate from WSUS
- Delete Signing Certificate in WSUS
- Create / Update SVM Group Policy Settings
- Dump All GPO Informations



Mac Agent Support

In Software Vulnerability Manager 2019 R5, signed Mac agent has been enhanced to support the newly introduced MacOS Catalina.

Ability to Set Maximum Post Data Size

In Software Vulnerability Manager 2019 R5, you can set a maximum data size posted to the server. By default, the maximum data size is 10MB.

To set a maximum data size:

- **For Agent** - Use the command line `csia.exe -i -L --postdata-maxsize 15 -v -v -v > _install.log` during installation.
- **For Manual Scanning** - Use the command line `csia.exe -c --postdata-maxsize 15 -v -v -v > _scan.log` during scanning.
- **For Daemon** - In the `HKEY_CURRENT_USER\Software\Secunia\Daemon` registry location, add a PostDataMaxSize key.
- **For Plug-In** - In the `HKEY_CURRENT_USER\Software\Secunia\CSI plugin` registry location, add a PostDataMaxSize key.

CVE Search in Advisory Smart Groups

In Software Vulnerability Manager 2019 R4, you can now search for an advisory using CVE.

To see the list of all advisories, select the **Results >> Advisory Smart Groups >> Configured Advisory Groups >> All Advisories**.

In the **Search** box, enter the **CVE** to search for an Advisory from the **All Advisories** list.

SAD	Advisory Description	Criticality	Threat Score	Zero-Day	Advisory Published	Vulnerabilities	Solution Status	CVSS Base Score	CVE Base Score
SAD1803	Microsoft Windows OLE Object Handl...	High	70	Yes	22nd Oct, 2014	2	Vendor Patched	v2: 10	10
SAD2892	Microsoft Windows Server 2016 / Wind...	High	70	Yes	12th Mar, 2019	33	Vendor Patched	v2: 8.8	0
SAD6471	Microsoft Windows Server 2012 / Wind...	High	57	Yes	11th Dec, 2018	10	Vendor Patched	v2: 9.8	0
SAD6719	Microsoft Internet Explorer Memory Co...	High	52	Yes	20th Dec, 2018	1	Vendor Patched	v2: 8.8	0
SAD9280	VLC Multiple Vulnerabilities	High	51	No	27th May, 2019	29	Vendor Patched	v2: 9.8	0
SAD9284	Microsoft Windows Server 2016 / Wind...	High	44	Yes	9th Jul, 2019	39	Vendor Patched	v2: 8.8	0
SAD9629	Microsoft Windows Server 2012 / Wind...	High	23	No	15th Aug, 2018	15	Vendor Patched	v2: 8.8	5
SAD2325	Red Hat update for libxml2	High	12	No	24th Jun, 2018	18	Vendor Patched	v2: 10	18
SAD9075	Mozilla Thunderbird Multiple Vulnerab...	High	12	No	22nd May, 2019	15	Vendor Patched	v2: 8.8	0
SAD9960	Apple Safari Multiple Vulnerabilities	High	12	No	14th May, 2019	21	Vendor Patched	v2: 8.8	0
SAD9262	Microsoft Multiple Products Multiple Vul...	High	9	No	13th Nov, 2018	11	Vendor Patched	v2: 8.8	0
SAD9497	Mozilla SeaMonkey Multiple Vulnerabil...	High	7	No	27th Jul, 2018	11	Vendor Patched	v2: 8.8	0
SAD7342	FlacZilla Server OpenSSL Multiple Vulne...	High	7	No	28th Oct, 2016	7	Vendor Patched	v2: 7.8	7.8
SAD7867	Microsoft Internet Explorer Multiple Vul...	High	7	No	12th Mar, 2019	12	Vendor Patched	v2: 8.8	0
SAD8058	Apple iTunes Multiple Vulnerabilities	High	7	No	26th Mar, 2019	19	Vendor Patched	v2: 8.8	0
SAD9329	Microsoft Edge Multiple Vulnerabilities	High	6	No	8th Jan, 2019	5	Vendor Patched	v2: 8.8	0
SAD9230	Red Hat update for libxml2	High	5	No	2nd Jul, 2019	4	Vendor Patched	v2: 8.8	0
SAD9399	Microsoft Multiple Products Multiple Vul...	High	5	No	9th Oct, 2018	5	Vendor Patched	v2: 7.8	0
SAD8379	Microsoft Multiple Products Multiple Vul...	High	5	No	14th May, 2019	4	Vendor Patched	v2: 8.8	0
SAD7961	Red Hat update for gnuTLS	High	5	No	21st Mar, 2017	4	Vendor Patched	v2: 7.8	7.8
SAD9264	Red Hat update for kernel	High	5	No	18th Jun, 2019	4	Vendor Patched	v2: 7.8	0

CVE Number as Criteria in Host Smart Groups

In Software Vulnerability Manager 2019, you can add CVE Number as a separate criteria while configuring New Host Smart Group:

To create a New Host Smart Groups, select the **Results >> Host Smart Groups >> Overview & Configuration**. List of existing smart group appears.

Click **Create New Smart Group** button. **Configure New smart Group wizard** appears.

In the **Criteria** section, you can add CVE Number as shown below:

The screenshot shows the 'Configure New Smart Group' wizard in Software Vulnerability Manager. The 'Criteria' section is expanded, showing a list of criteria to be added to the smart group. The 'CVE Number' criterion is selected and highlighted with a red box. Other criteria include System Score, System Platform, Last Scan Date, Site Name, Host Name, and Missing KB Article. The 'Business Impact' is set to 'Critical' and the criteria are set to match 'all' of the following criteria. The 'System Score' is set to 'at least' 80. The 'Operating System' checkbox is checked. The 'Save' and 'Close' buttons are visible at the bottom of the wizard.

Extended Support in Non IE Browser

In Software Vulnerability Manager 2019, list of products available in **Flexera Package System (SPS)** and **Patch Template** can also be seen in non IE browsers.

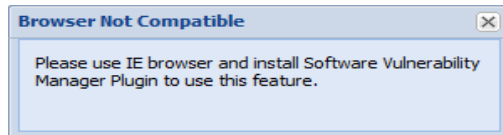
After successful login to the Software Vulnerability Manager 2019 in non IE browser (Chrome, Mozilla, etc.), Open **Patching**, below sections are now available in non IE browsers:

- Flexera Package System (SPS)
- Patch Template

Product	Vendor	Patched Version	Architecture	SMD	Criticality	Threat	Detected	Advisory P.	Insecure	End-Of-Life	Secure	Total	Hosts	Use
7-zip		18.05	Windows64-bit	SAS2829	Low		2	5 months ago	1	1st May, 2018	0	3	0	4
7-zip 16.x		18.x	Windows32-bit	SAS2829	Low		2	8 months ago	0	1st May, 2018	0	1	0	1
Calibre 2.x		3.x	Windows64-bit	SAS1916	Low		2	4 months ago	0	9th Mar, 2018	0	1	0	1
Firefox 3.x		3.43.0	Windows64-bit	SAS9720	Low		-	1 month ago	2	28th Jun, 2019	2	0	0	2
Firefox 3.x		3.43.0	Windows32-bit	SAS9720	Low		-	4 months ago	3	28th Jun, 2019	3	0	0	3
Notepad++		7.7	Windows32-bit	SAS1115	Low		2	2 days ago	7	18th Sep, 2019	7	1	0	8
Notepad++ 7.x		7.7	Windows64-bit	SAS1115	Low		2	27 days ago	11	18th Sep, 2019	11	0	0	11
Flexera Package System (SPS)		1.12.2	Windows64-bit	SAS0538	Low		-	27 days ago	3	14th Aug, 2019	3	0	0	3
UltraVNC 1.x		1.0.8.1	Windows64-bit	SAS1209	Low		-	20 days ago	2	20th Aug, 2010	0	0	0	2
WinSCP 5.x		5.15.5	Windows32-bit	SAS1409	Low		-	27 days ago	20	3rd Oct, 2019	0	0	0	20
Adobe Acrobat Reader ...	Adobe Systems	2019.021.20047 (...)	Windows32-bit	SAS9000	Low		12	2 days ago	5	15th Oct, 2019	5	10	0	15
Adobe Acrobat Reader ...	Adobe Systems	2015.006.30504 (...)	Windows32-bit	SAS9000	Low		12	7 months ago	1	15th Oct, 2019	1	0	0	1
Adobe Flash Player	Adobe Systems	32.0.0.255 (PPAP)	Windows32-bit	SAS9052	Low		4	26 days ago	2	10th Sep, 2019	2	1	0	3
Adobe Flash Player	Adobe Systems	32.0.0.255 (NPAP)	Windows32-bit	SAS9052	Low		4	27 days ago	12	10th Sep, 2019	12	16	0	28
Adobe Flash Player 9.x	Adobe Systems	32.x (ActiveX)	Windows32-bit	SAS9052	Low		4	51 days ago	0	10th Sep, 2019	0	3	0	3
Apple iTunes 12.x	Apple	12.10.2	Windows64-bit	SAS1812	Low		-	27 days ago	3	31st Oct, 2019	3	0	0	3
Apple iTunes 12.x	Apple	12.10.2	Windows32-bit	SAS1812	Low		-	10 months ago	3	31st Oct, 2019	3	0	0	3
Google Chrome	Google	78.x	Windows64-bit	SAS2273	Low		3	26 days ago	0	19th Nov, 2019	0	3	0	3
Google Chrome	Google	78.0.3904.108	Windows32-bit	SAS2273	Low		3	27 days ago	2	19th Nov, 2019	2	35	0	37
InfraView 4.x	InfraView	4.37	Windows32-bit	SAS4959	Low		-	19 days ago	1	17th Dec, 2013	1	0	0	1
Mozilla Firefox	Mozilla Foundation	71.x / 68.x (ESR)	Windows64-bit	SAS2312	Low		2	26 days ago	3	3rd Dec, 2019	3	265	0	268
Mozilla Firefox	Mozilla Foundation	71.x / 68.x (ESR)	Windows32-bit	SAS2312	Low		2	26 days ago	11	3rd Dec, 2019	11	136	0	147
Mozilla SeaMonkey	Mozilla Foundation	2.49.5	Windows32-bit	SAS0896	Low		12	3 months ago	6	4th Sep, 2019	6	3	0	9
Mozilla Thunderbird	Mozilla Foundation	68.x	Windows32-bit	SAS1698	Low		5	4 months ago	8	24th Oct, 2019	8	16	0	24
Winamp 5.x	Nullsoft	5.63	Windows32-bit	SAS6629	Low		-	1 month ago	1	21st Jun, 2012	1	0	0	1



Note • When you right click on a product or patch template in any non IE browser, you will get the below error message.



View Installations and Patch Information

In Software Vulnerability Manager 2019 R5, View Installations and Patch Information of any products in the Vendor Patch Module can also be seen in non IE browsers.

After successful login to the Software Vulnerability Manager 2019 (On-Prem Edition) in non IE browser (Chrome, Mozilla, etc.), Open **Patching > Vendor Patch Module**, you can see the list of products.

Right click a product, you can see the following options:

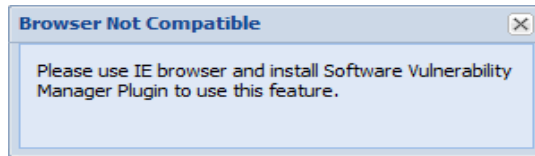
- Create an Update Package
- View Installations
- Patch Information

Now you can select the View Installations and the Patch Information details of a product in any browser.



Note • Note the below following:

- When you select the Create an Update Package option in non IE browser, you will get the below error message.

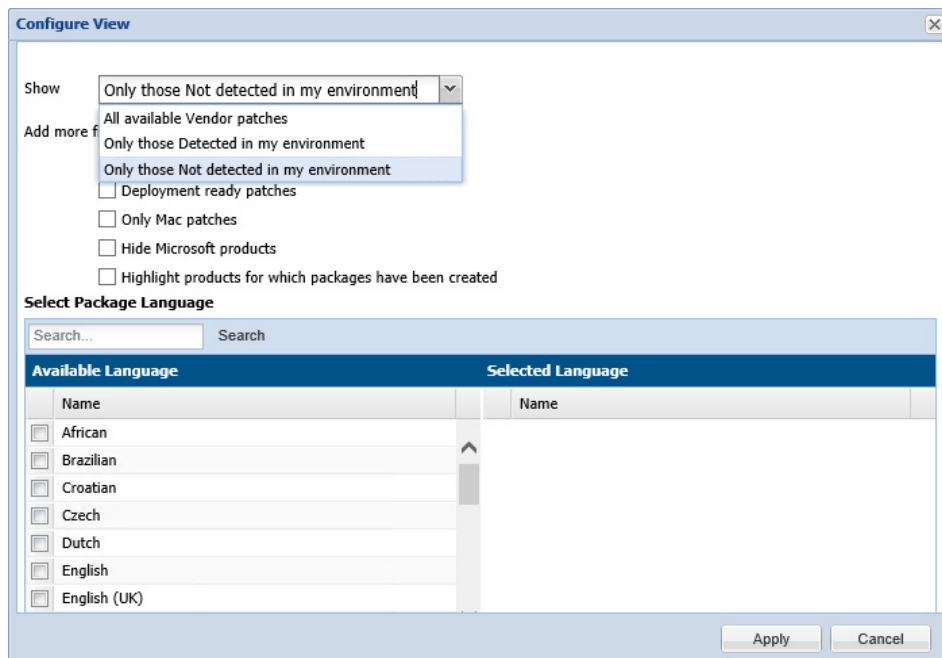


- To learn more about the Vendor Patch Module, [click here](#).
- To learn more about creating patches using the Vendor Patch Module, [click here](#).

Vendor Patch Module - Configure View Enhanced

In Software Vulnerability Manager 2019 R5, Configure View of the Vendor Patch Module is enhanced with the below filter options:

- The new drop down **Show** is added along with the **Add more filters** check boxes, you can filter using one of the following option from the drop down:
 - All available Vendor Patches
 - Only those Detected in my environment
 - Only those Not detected in my environment



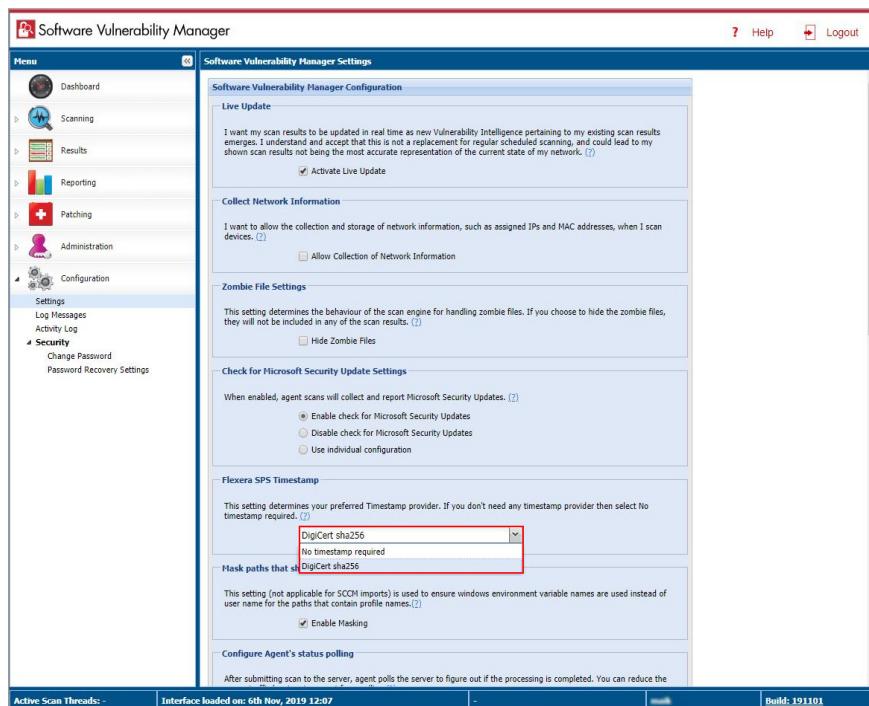
Timestamping Services - DigiCert

In Software Vulnerability Manager 2019 R5, Flexera SPS Timestamp url has been changed to support DigiCert Timestamp provider. This was done in reaction to VeriSign and Symantec Timestamping services moving to DigiCert.com as mentioned in <https://knowledge.digicert.com/alerts/migration-of-legacy-verisign-and-symantec-time-stamping-services.html>.

In **Configuration > Settings > Flexera SPS Timestamp**, select **DigiCert sha256** from the drop down.



Note • TimeStamp Settings can only be set by the Partition Administrator



Resolved Issues

The following table lists the customer issues that were resolved in Software Vulnerability Manager 2019 R5:

Issue	Description
IOJ-2068477	RHEL 8 Agent Support
IOJ-2085793	Provide override for agent to post file greater than 10mb
IOJ-1992395	Unexpected Error after editing the smart groups

Issue	Description
IOJ-1910914	Some Packages Displayed without a Name in SPS - Cannot Pass After Step 2 in the Wizard
IOJ-1900203	[ActivityLog] Clearing WUA options does not log into activity log
IOJ-1886345	IP Access Management: Scheduled Export generates an empty CSV file.
IOJ-1990701	When two or more product_ids are associated with the same VPM_id, in the pop window of "view installations" data for all the product_ids is not displaying
IOJ-2079064	Unexpected error while creating a smart group by using a template

Product Feedback

Have a suggestion for how we can improve this product? Please come share direct feedback with the product team and vote on ideas submitted by other users in our online community at <https://flexeracommunity.force.com/customer/ideas/ideaList.apexp>.

System Requirements

To use the Software Vulnerability Manager 2019 R5 console, your system should meet the following requirements:

- Minimum resolution: 1280x1024
- Internet Explorer 11 or higher (Scan results can also be viewed from other browsers)
- Internet connection capable of connecting to <https://csi7.secunia.com>
- The following addresses should be white-listed in the Firewall/Proxy configuration:
 - crl.verisign.net
 - crl.thawte.com
 - <http://crl3.digicert.com>
 - <http://crl4.digicert.com>
 - http://*.ws.symantec.com
 - https://*.secunia.com/
 - http://*.symcb.com
 - http://*.symcd.com
- First-Party cookie settings at least to Prompt (in Internet Explorer)
- Allow session cookies

- A PDF reader

Legal Information

Copyright Notice

Copyright © 2019 Flexera.

This publication contains proprietary and confidential information and creative works owned by Flexera and its licensors, if any. Any use, copying, publication, distribution, display, modification, or transmission of such publication in whole or in part in any form or by any means without the prior express written permission of Flexera is strictly prohibited. Except where expressly provided by Flexera in writing, possession of this publication shall not be construed to confer any license or rights under any Flexera intellectual property rights, whether by estoppel, implication, or otherwise.

All copies of the technology and related information, if allowed by Flexera, must display this notice of copyright and ownership in full.

Intellectual Property

For a list of trademarks and patents that are owned by Flexera, see <https://www.flexera.com/producer/company/about/intellectual-property/>. All other brand and product names mentioned in Flexera products, product documentation, and marketing materials are the trademarks and registered trademarks of their respective owners.

Restricted Rights Legend

The Software is commercial computer software. If the user or licensee of the Software is an agency, department, or other entity of the United States Government, the use, duplication, reproduction, release, modification, disclosure, or transfer of the Software, or any related documentation of any kind, including technical data and manuals, is restricted by a license agreement or by the terms of this Agreement in accordance with Federal Acquisition Regulation 12.212 for civilian purposes and Defense Federal Acquisition Regulation Supplement 227.7202 for military purposes. The Software was developed fully at private expense. All other use is prohibited.