RELEASE NOTES
F-Secure® Scanning and Reputation Server
Version 11.00 build 556 (RTM)

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GB2353372, GB2366691, GB2366692, GB2366693, GB2367933, GB2368233, GB2374260

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1. General

This document contains important information about F-Secure Scanning and Reputation Server 11.00 release. We strongly recommend you read the entire document before installing the software.

2. Product contents

F-Secure Scanning and Reputation Server comes as the virtual appliance that can be easily deployed in your virtualization environment. It provides malware scanning and content reputation services for Client and Server Security products with F-Secure Offload Scanning Agent installed. The virtual appliance is based on hardened CentOS 6.4 operating system.

3. What's new

3.1 New features and improvements

- Virtual appliance for VMware hypervisor, Citrix XenServer and Microsoft Hyper-V – it is easy to deploy F-Secure Scanning and Reputation Server by importing the virtual appliance to your virtualization platform.
- Centralized administration – F-Secure Scanning and Reputation Server can be managed with F-Secure Policy Manager.
- Persistent cache – cached items are now maintained in a database that allows to retain them after the server restart.
- Database update check randomization – the server is now capable to check and apply new database updates on random intervals, which should allow to mitigate so-called AV storm effect when security products running on virtual machines attempt to receive updates simultaneously.

3.2 Fixed issues

This section lists important issues resolved since the previous Beta and RC releases:

- **SVCE-387**: SRS VA for VMware should use VMXNET3 network adapter
- **SVCE-377**: Scanning and Reputation server appliance exposes internal network DNS server (BUG-22994)
- **SVCE-397**: SRS crashed during night tests
- **SVCE-384**: Unnecessary process running on SRS (BUG-22996)

- **SVCE-372**: Cannot change static IP address back to DHCP
- **SVCE-371**: FSMA crashes on policy changes

4. System requirements

4.1 Virtualization hypervisor

F-Secure Scanning and Reputation Server is available as a virtual appliance that can be deployed in your virtual infrastructure based on one of the following virtualization hypervisors:

- VMware ESXi 5.0, 5.1
- Citrix XenServer 6.2 or newer
- Microsoft Hyper-V Server 2008 R2, 2012, 2012 R2

4.2 Virtual appliance hardware

The minimum hardware requirements for F-Secure Scanning and Reputation Server virtual appliance are:

- Number of virtual CPUs: 2
- Memory: 2 GB
- Hard disk: 20 GB
- Number of network cards: 1

Please refer to the deployment guide for recommended hardware requirements based on the number of protected clients.

4.3 Centralized management

The following versions of F-Secure Policy Manager are required to centrally manage F-Secure Scanning and Reputation Server:

- F-Secure Policy Manager (Windows) 11.10 or newer
- F-Secure Policy Manager (Linux) 10.30 or newer

5. License key

F-Secure Scanning and Reputation Server virtual appliance is provided with 60 day evaluation license. When the license gets expired, the server ceases providing malware scanning and content reputation services. You can use the Admin menu of the virtual appliance to check the status of the license and enter the new license key.

6. Installation and configuration

As there is no common standard supported by all hypervisor vendors, the F-Secure Scanning and Reputation Server virtual appliance is provided in different formats. Depending on your virtualization platform, use one of the following virtual appliance files:

- **fssrs-va-11.00.556.152.ova** – for VMware ESXi hypervisor
- **fssrs-va-11.00.556.70.xva** – for Citrix XenServer, Xen hypervisors
- **fssrs-va-11.00.556.21.vhd** – Microsoft Hyper-V hypervisor

Please refer to F-Secure Security for Virtual and Cloud Environments release notes for information about installation and configuration of F-Secure Scanning and Reputation Server.

7. Known issues

This section lists currently known problems in this release.

- **SVCE-385**: SRS doesn't provide log rotation. This issue will be fixed in a next release.
- **SVCE-326:** AUA in SRS does not support HTTP proxy. The SRS is deemed to receive updates directly from Policy Manager Server and thus HTTP proxy shouldn't be required. Nevertheless, HTTP proxy support will be considered in a next release.
- **SVCE-417:** Eicar is reported as 'Suspicious:W32/Malware.*<hashsum>*!Online'. The SRS may receive a content reputation from the F-Secure cloud based services without scanning it with the AV engines. Thus, it may report the malware with a generic name.

8. Contact information and feedback

We look forward to hearing your comments and feedback on the product functionality, usability and performance.

Please report any technical issues via:

- F-Secure support web site: http://support.f-secure.com/
- F-Secure Community: http://community.f-secure.com/t5/Business/ct-p/Business_Security_Solutions

When reporting a technical problem, please attach the F-Secure diagnostic report(s) to the feedback. This report contains basic information about hardware, operating system, network configuration and installed F-Secure and third-party software.

8.1 Creating Diagnostic information

You can create diagnostic information package that contains configuration details of the server, system and log files. The information is required for troubleshooting.

Follow these instruction to create diagnostic package:

1. Log in to the VM console.
2. Enter admin as your login name.
3. Enter your administrator password.
   The 'Admin menu' opens.
4. Press 4 to Create a diagnostic package

Download the package from the link displayed in the above step to get the diagnostic package out from the appliance.

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