

QNAP



Protect your files with McAfee[®] Antivirus & ClamAV[®] Antivirus



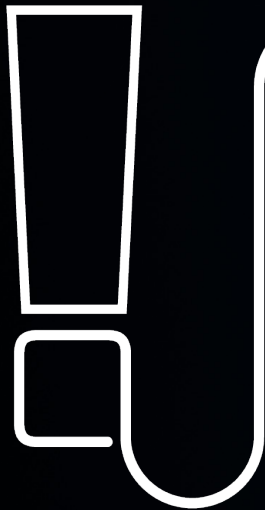
McAfee

Summary:

1. QNAP NAS cybersecurity protection
2. Non-fiction and Quarantine
3. The Demo of setting up McAfee notification in a NAS



Will NAS get a virus?
Why do we need
Antivirus?



NAS usually does not get PC
virus? But the files it carries
could contain viruses, the
virus will infect all PCs and
NBs connecting to the NAS.



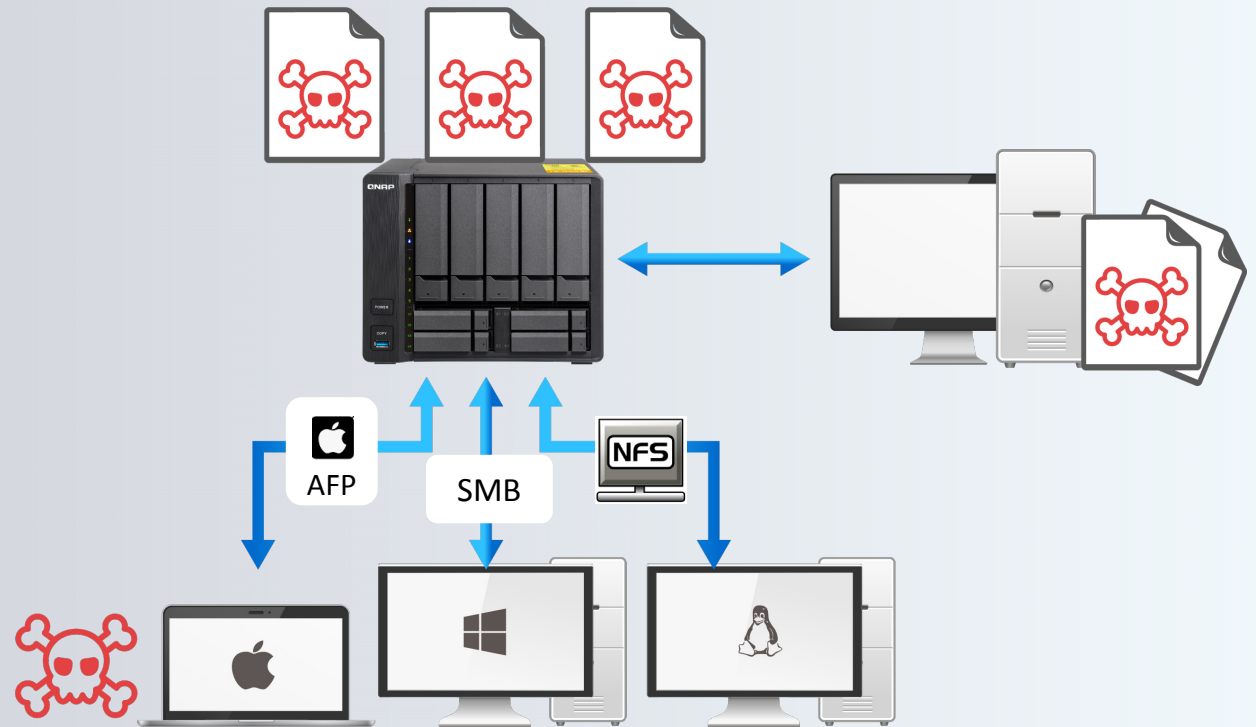
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QNAP NAS Cybersecurity Protection



Virus Protection of QTS Files

- NAS would get files from various sources, like uploaded files, pictures, or document files, which may carry virus, or malwares.
- Need to regularly use Antivirus app to scan and clean up uploaded files, so that the virus would not infect other connected PC, or NBs.



The Main Tasks of NAS Antivirus App

- Antivirus scans the NAS regularly and deal with the infected files separately.



A Comparison of McAfee and ClamAV in QTS



Virus Analysis Team:	World-class, professional, global threat analysis teams	Mainly from global cybersecurity enthusiasts
Virus Signature Update:	At least, daily, virus signature update	Experts will provide the updates from time to time
Advantage:	-one of the top choices of enterprise antivirus and can satisfy the requirement for enterprise cybersecurity audits. -Can clean trojan horse, virus, worm, Adware and spyware from different operating systems. -supports only QNAP x86 models	-Contains at least 3.7 million virus signatures. -Lightweight, supports both x86 and ARM QNAP models.
Price:	USD\$25/one year USD\$50/two years	Free

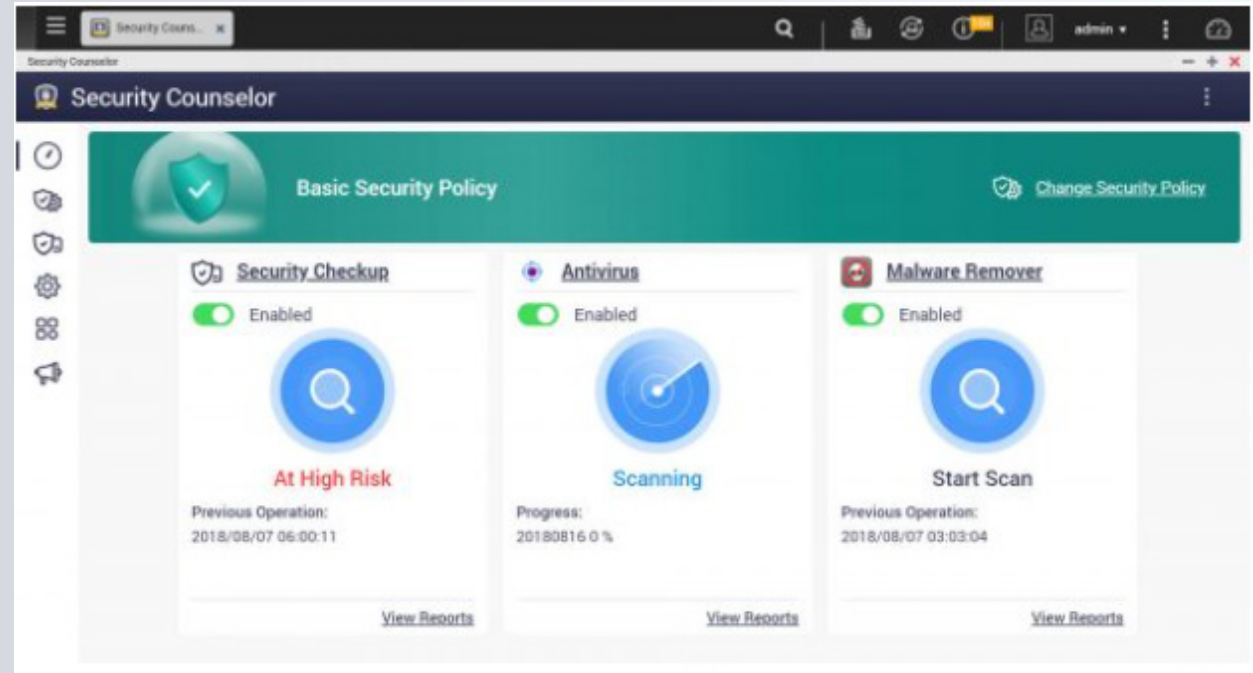
Not just Antivirus, QTS Security Circle!

- Beside installing Antivirus to protect the uploaded files, QTS NAS also needs a full circle of protection, such as OS integrity and safe NAS set-up.



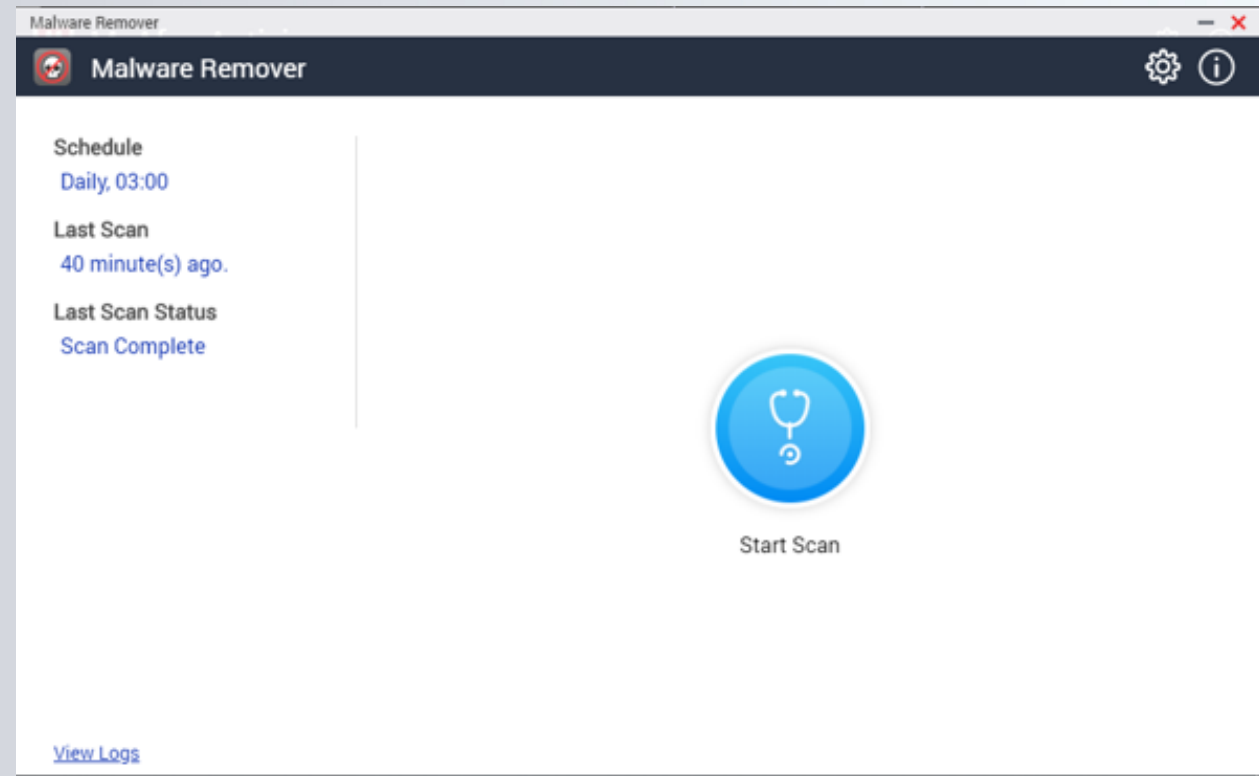
Security Counselor, for an overall safety review

- Based on the security requirements of your network environment, you can choose one of the three default security policies (Basic/Intermediate/Advanced). The Security Checkup function will use your selected policy to conduct overall cybersecurity check to your NAS OS and setup.
- You can click on scan results, and Security Counselor will take you to the relevant system section to change associated settings for securing your NAS.



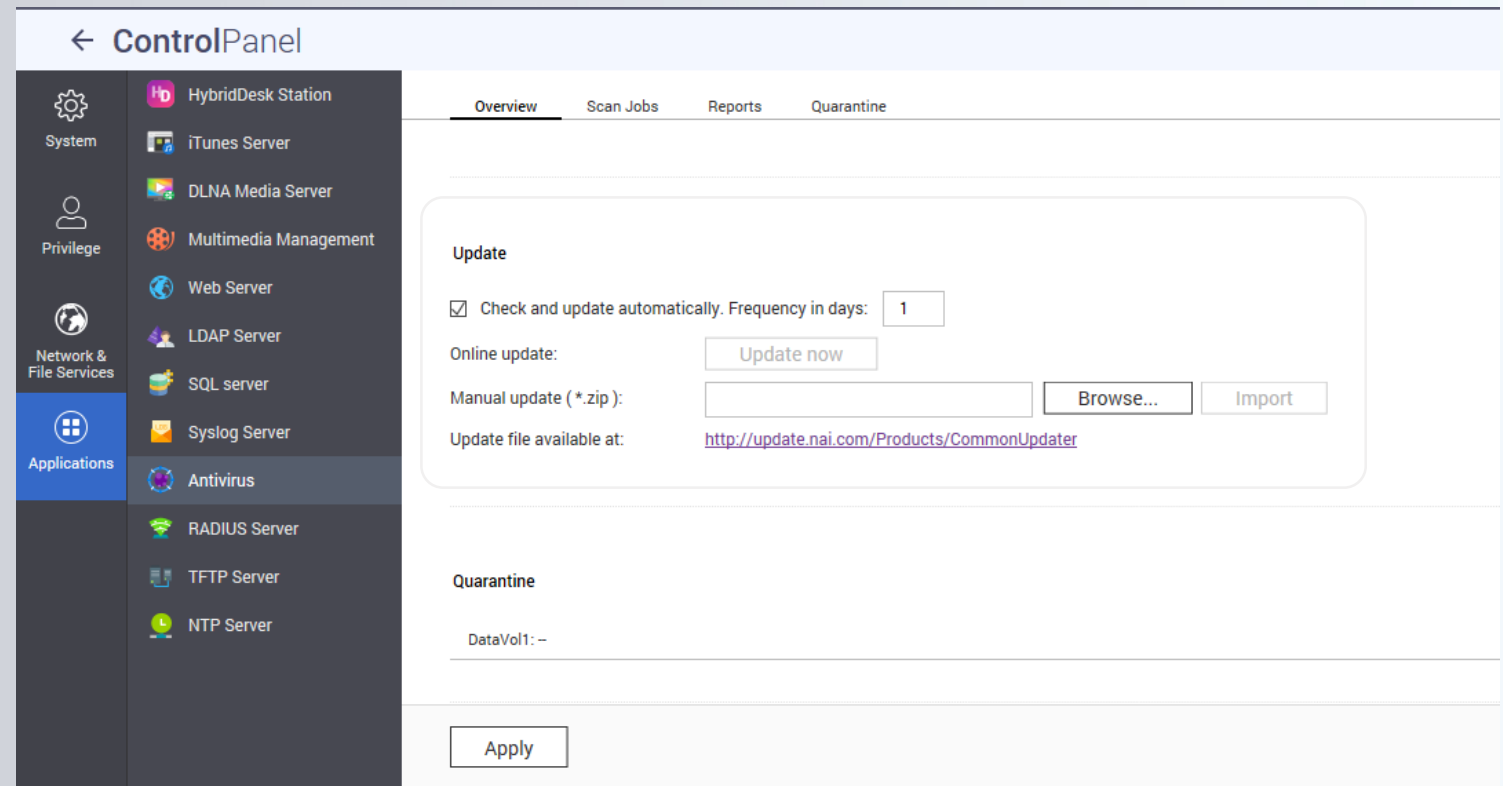
Malware Remover cleans Malwares for QTS

- Some of QTS NAS may be infected with malwares, like mining malwares, which can greatly reduce NAS performance.
- Malware Remover can immediately, or regularly, scan OS and clean some QTS-targeted malwares.



Virus Signature Auto-update

- Remember to enable the daily virus signature update of McAfee and ClamAV, in order to obtain the latest global antivirus update.



Good habits are never enough: QTS Autoupdate



QTS 4.4.1 beta

Solid Architecture × High-speed Backup × Innovative Hybrid Storage

- Hackers always keep looking for holes in an operating systems.
- QNAP Security Team constantly monitors and analyzes the global threats and provide fixes and updates to QTS so that hackers cannot find their ways into QTS.
- So, always keep QTS updated!

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Sending Notification and Quarantine Infected Files

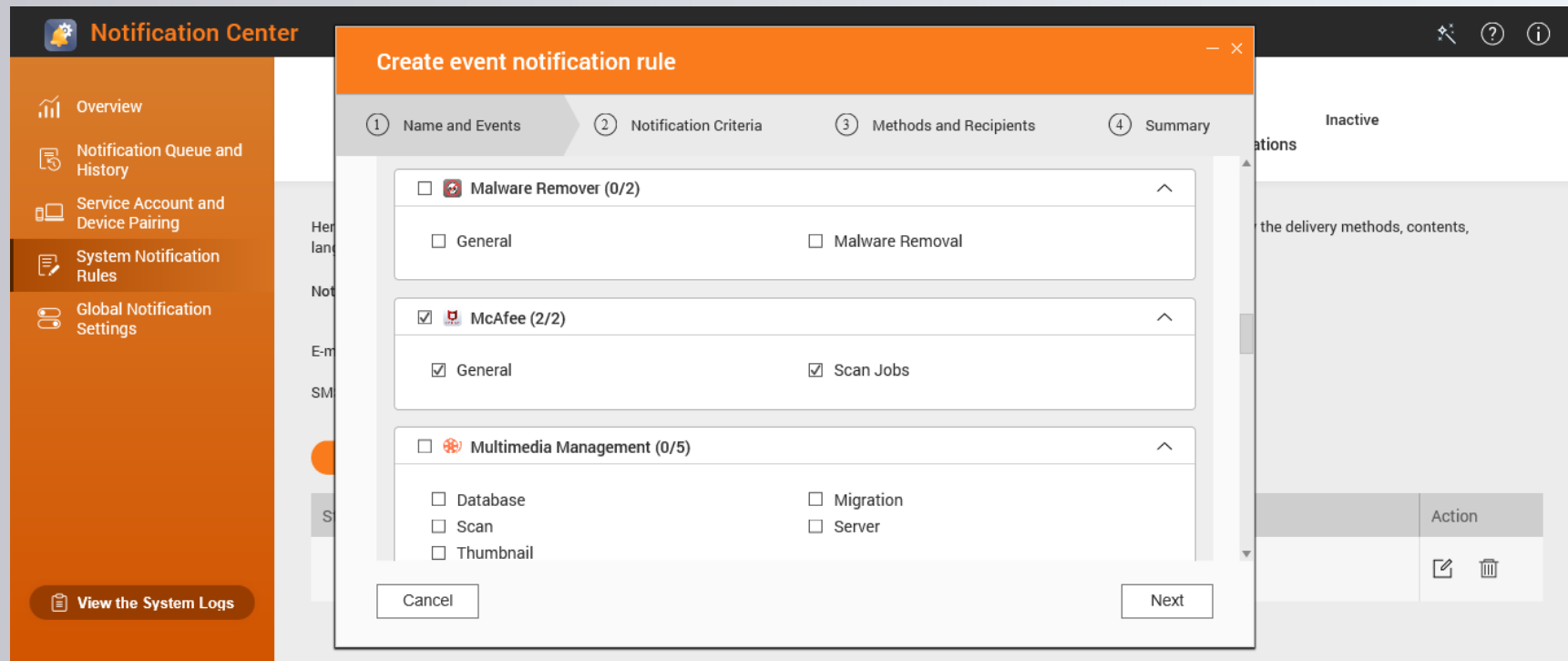


McAfee



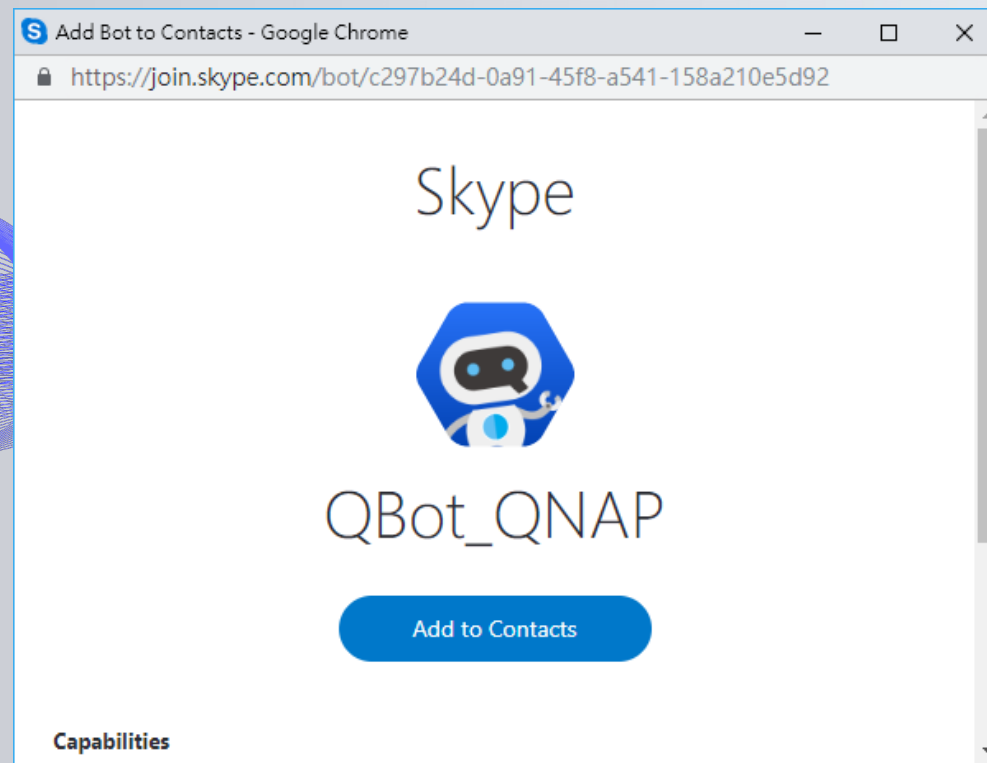
Set up rules in Notification Center of QTS

First, need to set up rules at Notification Center, so that QTS can send out text messages to Skype in mobile phones, or to send out emails.



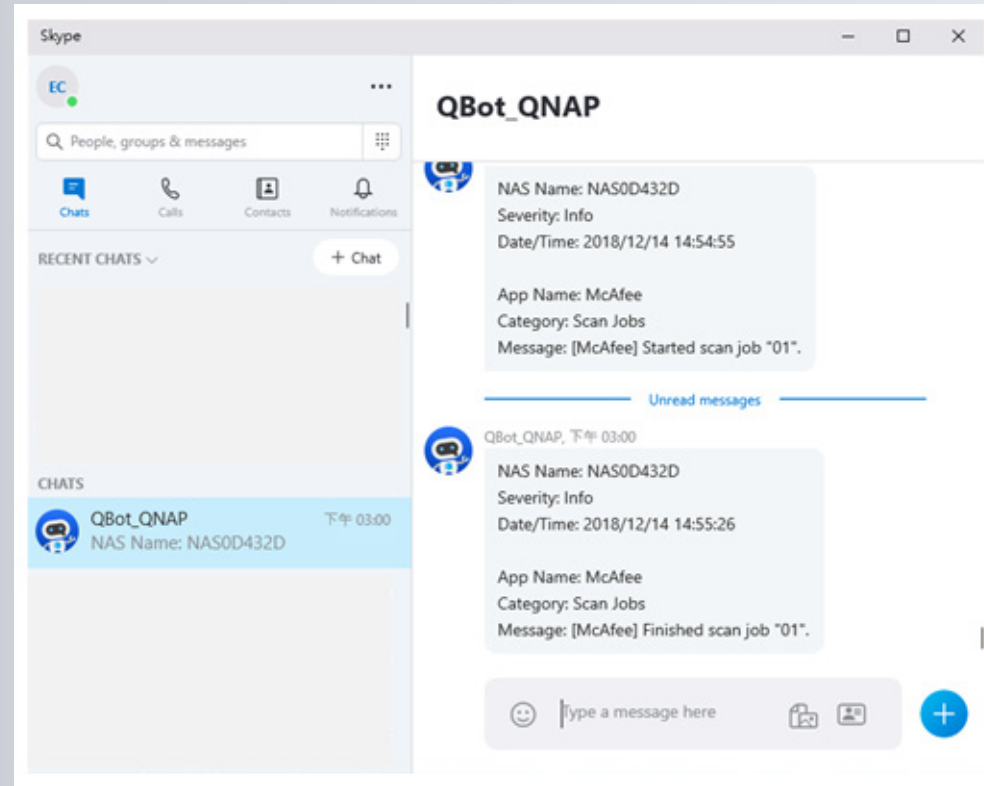
Install Skype in your mobile phone

Install Skype App in the mobile phone to receive verification message from QTS Qbot and begin to receive text messages from QTS.



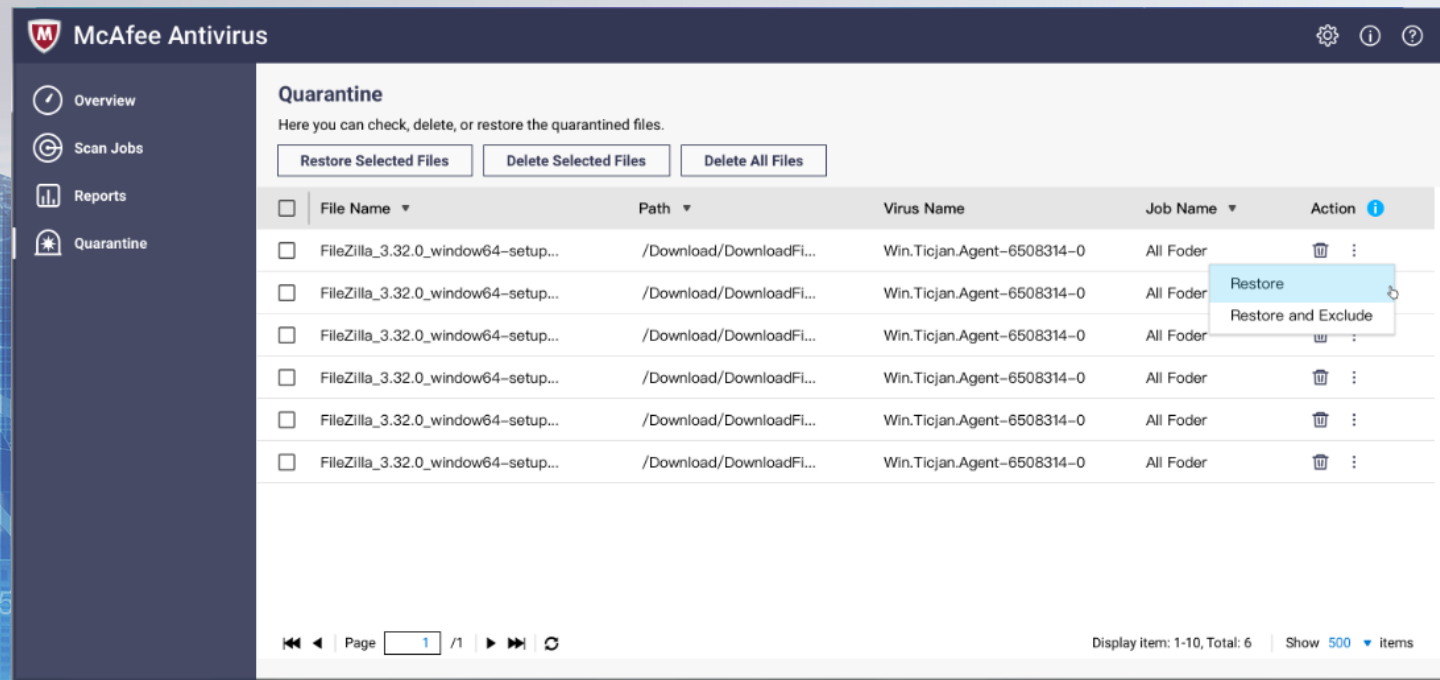
If a virus is found, a text message would be sent out.

When virus signatures are updated, a scan job is turned on, or off, or a virus is found, your mobile phone can receive text messages, anywhere anytime.



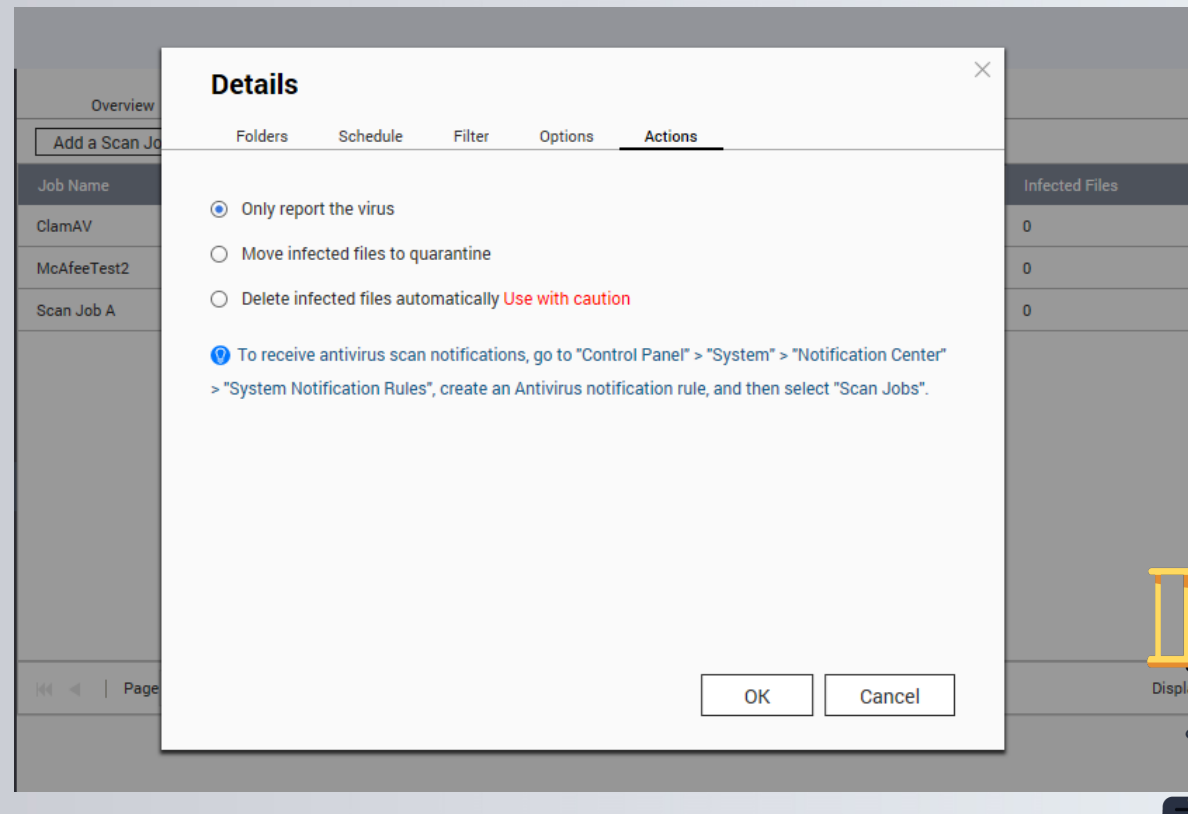
Quarantine a virus

- If a file is found with a virus, it can be left at a Quarantine folder. The file can be checked later to see if it needs to be deleted.
- “Restore and Exclude” can also be used to restore the file back to the original path and exclude the file from virus scanning again.



Several actions can be taken to a virus found

In Details> Actions, an admin can choose to send out a text message, quarantine the infected files, or delete the infected files automatically.



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The Demo of Setting Up McAfee



Download McAfee Antivirus from the App Center

Products QTS 4.4 Surveillance Solutions Support Buy QIoT

The App Center is a platform for third-party application providers to upload their Applications to and users to download from. The device manufacturer takes no responsibility and assume no liability for the Applications on the App Center, e.g. whether the Applications or their contents infringe any third-party's rights, or any problems, losses or liabilities caused by, incurred by or resulted from the downloading or using of the Applications.

All Apps QTS Essentials Recommended Beta Lab Partners

Backup/Sync

Business

Content Management

Communications

Developer Tools

Download

Security

Malware Remover
QTS Essentials Security
3.4.1

McAfee Antivirus
Recommended Security
2.2.0

Security Counselor
QTS Essentials Security
1.2.0

Add virus scan jobs in McAfee

Control Panel

System

Privilege

Network & File

Applications

HybridDesk Station

iTunes Server

DLNA Media Server

Multimedia Management

Web Server

LDAP Server

SQL server

Syslog Server

Antivirus

RADIUS Server

TFTP Server

NTP Server

Overview

Scan Jobs

Reports

Quarantine

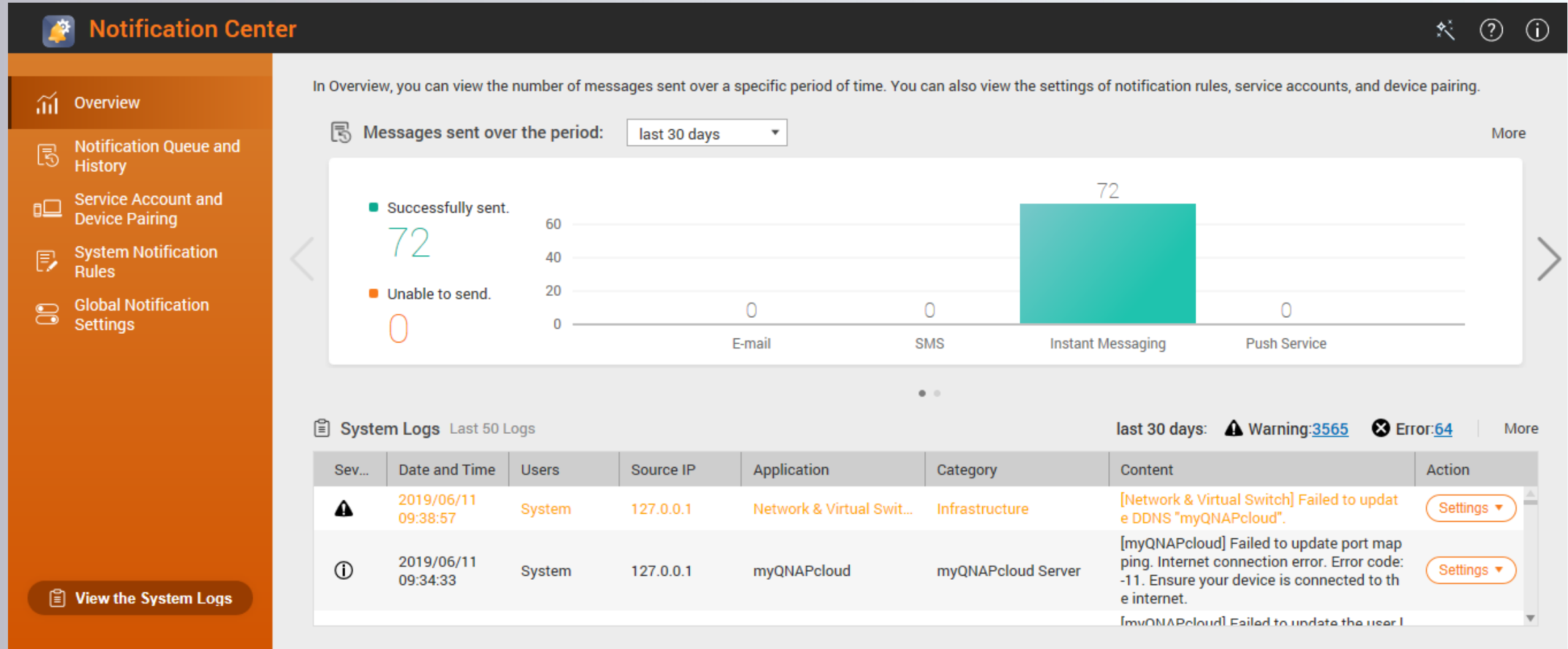
Add a Scan Job

Job Name	Last Scan	Duration	Infected Files	Action
ClamAV	2019/05/27 11:00:00	00:02:32	0	
McAfeeTest2	2019/05/27 19:00:00	00:02:24	0	
Scan Job A	2019/05/29 00:00:01	00:02:26	0	

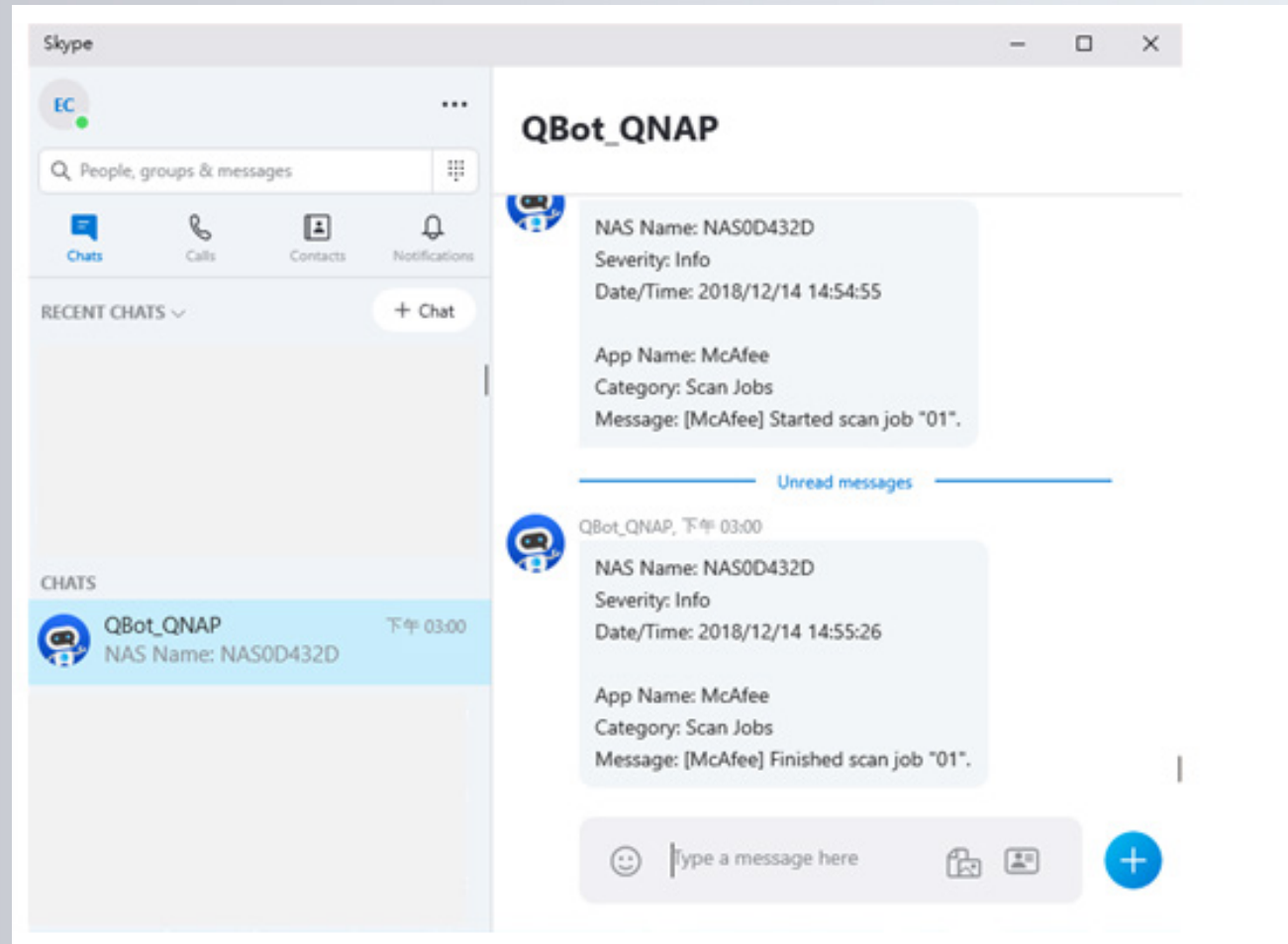
Page 1 / 1

Display item: 1-3, Total: 3 | Show 10 Item(s)

Setup rules in Notification Center



Use Skype in your mobile phone, or notebook to receive text messages



One more thing...



Promotion for McAfee, only until 6/28

To support QNAP exhibition in Computex and raise the cybersecurity awareness, a promotion of McAfee Antivirus in QTS has been launched.

		Promotional Prices (6/03~6/28)
Prices	Original Prices	
	One year:USD\$25	USD\$8.99/NTD\$299
	Two years:USD\$50	USD\$13.99/NTD\$469
	Three years:N/A (Only during Promotion)	USD\$18.99/NTD\$599



The QNAP logo is displayed in white, bold, sans-serif capital letters in the top left corner. The background of the entire image is a vibrant blue with a digital, grid-like pattern and glowing light effects. In the upper center, there is a small icon of a server rack. On the right side, a large, stylized blue devil face with horns and a mischievous grin is visible. The bottom right corner features a large, semi-transparent blue padlock icon. The overall aesthetic is high-tech and professional.

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QNAP Products, your best choice!

A photograph of a business meeting is integrated into the lower right portion of the image. Several men in business suits are gathered around a conference table. One man is standing and gesturing while speaking to the others who are seated. The scene is brightly lit, and the image is partially overlaid by the blue geometric design elements of the advertisement.

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