



SCIENCESOFT CUSTOM QRADAR APPS QLEAN APP SUITE

REFERENCE
GUIDE

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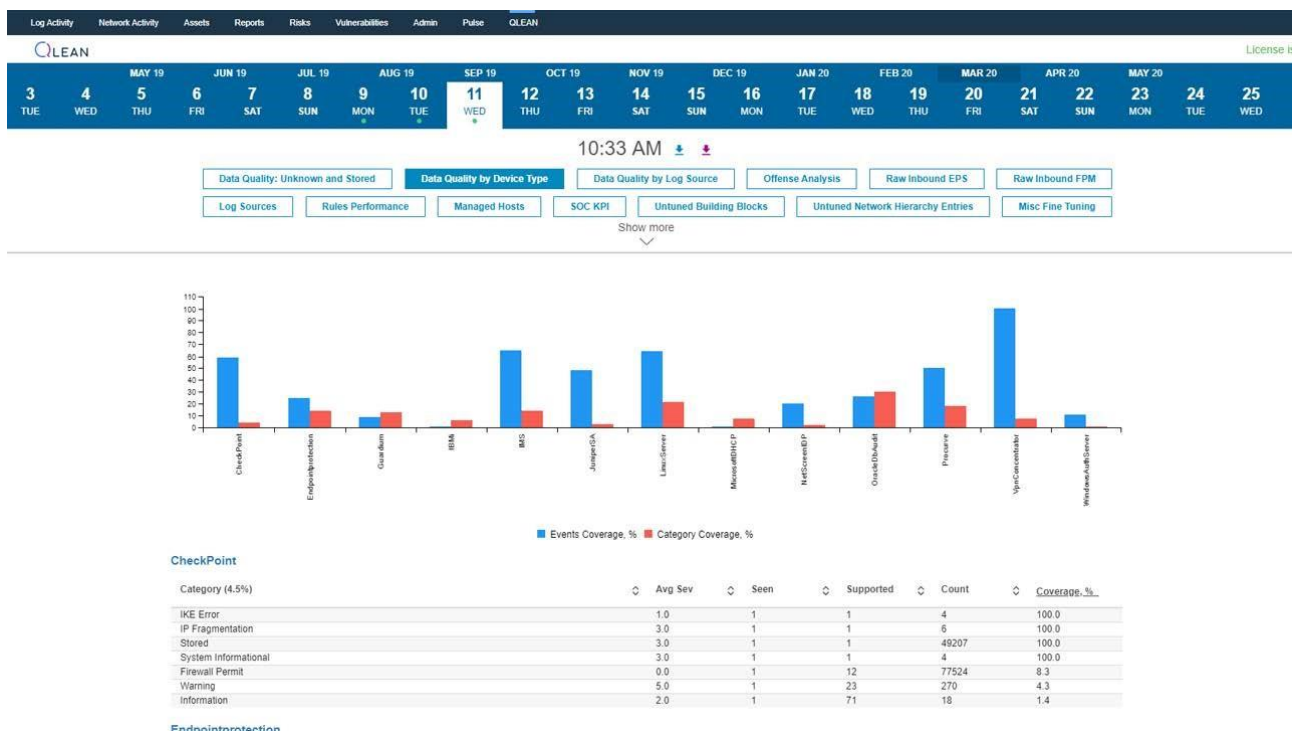
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QClean for Tuning & Health Check [commercial]

QLEAN (previously known as HCF or Health Check Framework) is the most advanced app for QRadar fine tuning and health check. QLEAN makes QRadar maintenance easy and transparent by optimizing and automating routine SOC processes and a wide range of advanced fine tuning and health check procedures that can free up to 30% QRadar admin time.

QLEAN Unique Value

- Over 50 advanced performance and behavioral metrics including Data Quality, Offense Analysis, Raw EPS and FPI timeline, Rules Performance, SOC KPIs, Fine Tuning and many others
- XLS/JSON reporting, scheduled mode, advanced innovative metrics independent of the QRadar API version
- An instant complete snapshot of the system state and data quality with timeline that makes it easy to investigate security threats & top offenses
- Savings of up to 250 admin hours annually per average deployment
- Helps improve log data coverage
- Helps improve efficiency of SIEM license use and data quality
- A single-component plug & play architecture
- Advanced report delivered via email
- Significantly lower QRadar maintenance costs and improved ROI
- Higher client/operator satisfaction
- User base includes major banks, MSSPs, Fortune 500 companies and government organizations



For a complete list of supported metrics with the detailed description please visit: [LINK](#)

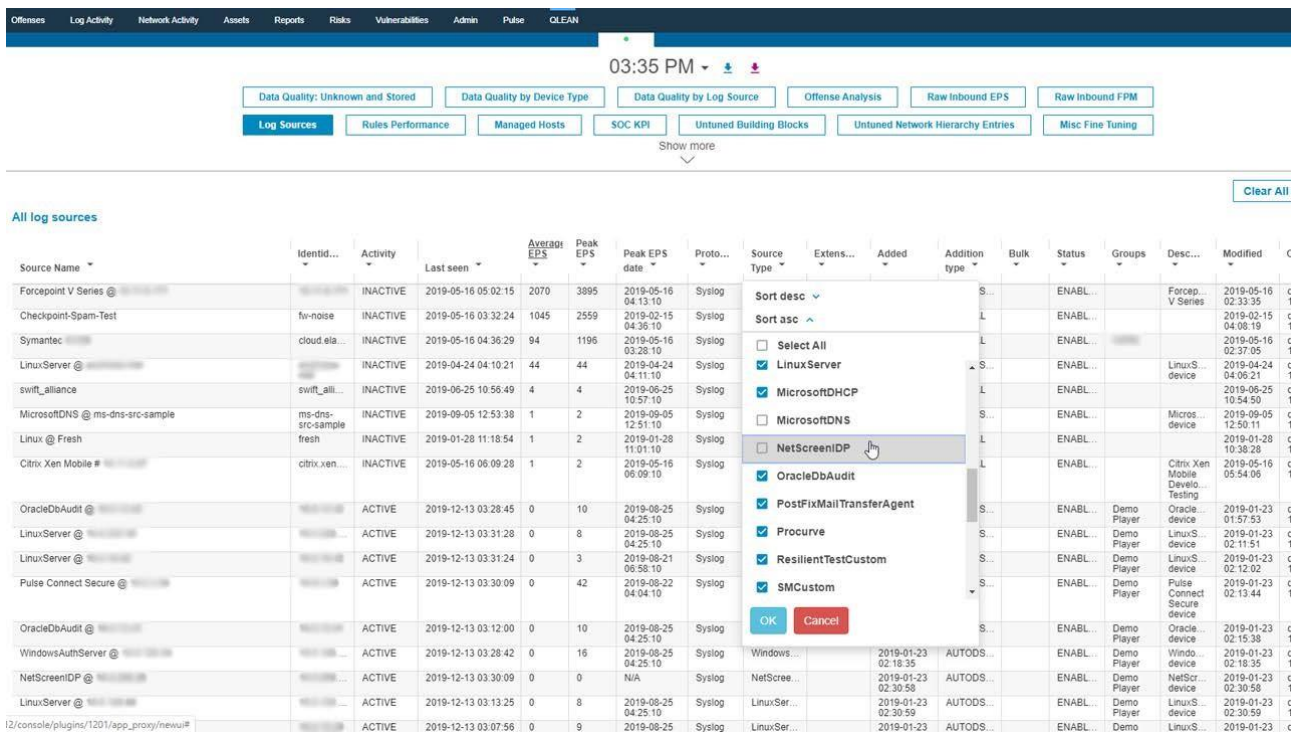
QLEAN has been named finalist as Outstanding Security Solution by IBM 2020 & 2021 Beacon Awards.

QLEAN.io website: [LINK](#)

QLEAN interactive online demo: [LINK](#)

QLEAN sample report: [LINK](#)

QLEAN video: [LINK](#)



The screenshot shows the QLEAN dashboard interface. At the top, there are navigation tabs: Offenses, Log Activity, Network Activity, Assets, Reports, Risks, Vulnerabilities, Admin, Pulse, and QLEAN. The main header displays the time 03:35 PM and several data quality indicators: Data Quality: Unknown and Stored, Data Quality by Device Type, Data Quality by Log Source, Offense Analysis, Raw Inbound EPS, and Raw Inbound FPM. Below this are buttons for Log Sources, Rules Performance, Managed Hosts, SOC KPI, Untuned Building Blocks, Untuned Network Hierarchy Entries, and Misc Fine Tuning. A 'Show more' link is also present.

The main content area is titled 'All log sources' and contains a table with the following columns: Source Name, Identif..., Activity, Last seen, Average EPS, Peak EPS, Peak EPS date, Proto..., Source Type, Extens..., Added, Addition type, Bulk, Status, Groups, Desc..., and Modified. The table lists various log sources such as Forcepoint V Series, Checkpoint-Spam-Test, Symantec, LinuxServer, swift_alliance, MicrosoftDNS, Linux @ Fresh, Citrix Xen Mobile, OracleDbAudit, WindowsAuthServer, NetScreenIDP, and LinuxServer. A modal window is open over the NetScreenIDP source, showing a list of services to be monitored: Select All, LinuxServer, MicrosoftDHCP, MicrosoftDNS, NetScreenIDP (selected), OracleDbAudit, PostFixMailTransferAgent, Procurve, ResilientTestCustom, and SMCustom. The modal has 'OK' and 'Cancel' buttons.

License

Free QLEAN demo version contains limited functionality available without a license. Some of the metrics are available in the XLS report. To start a free trial of the full version and request professional SIEM services please request a license key by emailing QLEAN tech support at qlean@scnsoft.com **IBM App**

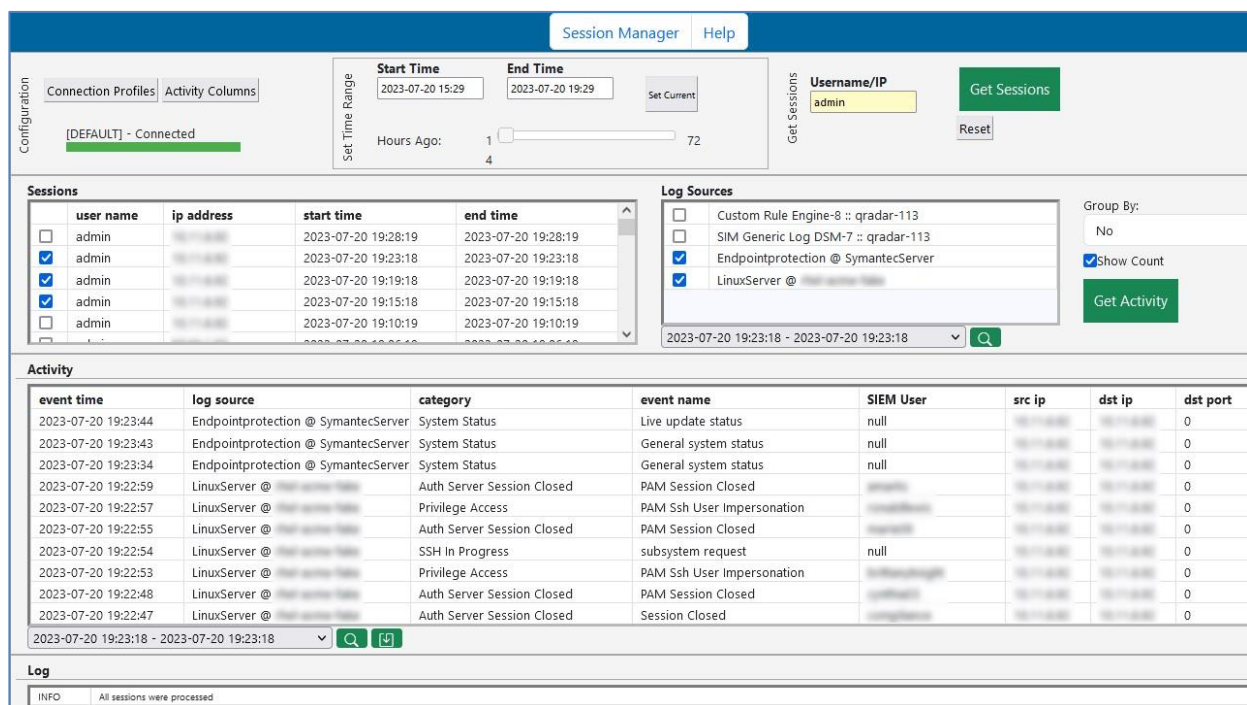
Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/7b76f487c8e370a3749d9264cd5998d9>

QSM Session Manager [free]

QSM QRadar Session Manager makes it easy to track user sessions (username + sourceIP + timeframe combinations) and investigate security events using session information even when a user name is not available in log messages e.g.:

- Firewall activity
- IDS/IPS activity
- Web Servers activity
- Operating Systems logs missing username
- Database and business application queries
- Others



The screenshot displays the QSM Session Manager interface with the following sections:

- Configuration:** Includes tabs for 'Connection Profiles' and 'Activity Columns'. A dropdown shows '[DEFAULT] - Connected'. Search filters include 'Start Time' (2023-07-20 15:29), 'End Time' (2023-07-20 19:29), and 'Hours Ago' (1 to 72). A 'Username/IP' field contains 'admin'. Buttons for 'Get Sessions' and 'Reset' are present.
- Sessions:** A table with columns: user name, ip address, start time, end time. It lists several sessions for the user 'admin'.
- Log Sources:** A list of log sources with checkboxes. Selected sources include 'Endpointprotection @ SymantecServer' and 'LinuxServer @ ...'. A 'Group By' dropdown is set to 'No', and a 'Show Count' checkbox is checked. A 'Get Activity' button is available.
- Activity:** A detailed log table with columns: event time, log source, category, event name, SIEM User, src ip, dst ip, dst port. It shows various system and authentication events.
- Log:** A summary bar at the bottom indicating 'INFO All sessions were processed'.

QRadar Native Alternatives

There's no such functionality available in native QRadar interface. Every search in a series must be created and processed manually. QSM saves up to 3 working hours daily for an analyst who's performing such investigations.

License

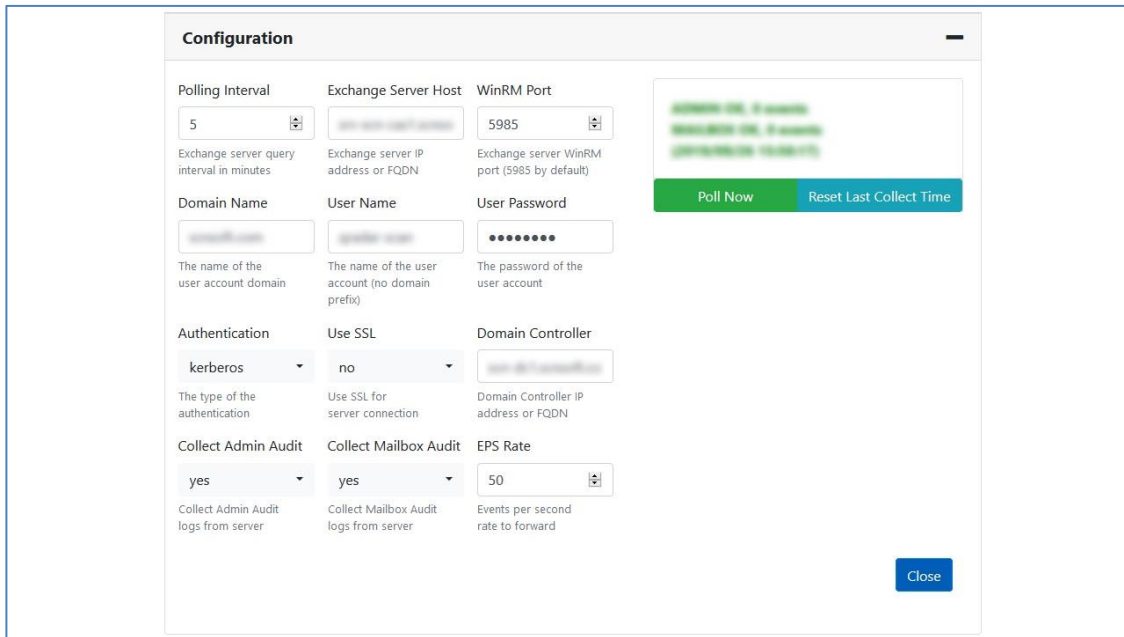
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IBM AppExchange

<https://exchange.xforce.ibmcloud.com/hub/extension/aad351d53a7c87c76523d1215cf329ed>

QMEA - Microsoft Exchange Audit [commercial]

QMEA Microsoft Exchange Audit Export Tool for QRadar enables easy export of Microsoft Exchange Admin Audit and Mailbox Audit logs and forwards log records via Syslog protocol (TCP/514) to QRadar SIEM Console IP in near real-time. QMEA's audit log format is automatically recognized by QRadar so there is no need in custom DSM. Supported Microsoft Exchange versions are: 2010 SP1+/2013/2016.



The screenshot shows the 'Configuration' window for QMEA. It contains several sections for setting up the tool:

- Polling Interval:** A dropdown menu set to '5'.
- Exchange Server Host:** A text input field.
- WinRM Port:** A dropdown menu set to '5985'.
- Domain Name:** A text input field.
- User Name:** A text input field.
- User Password:** A password input field with masked characters.
- Authentication:** A dropdown menu set to 'kerberos'.
- Use SSL:** A dropdown menu set to 'no'.
- Domain Controller:** A text input field.
- Collect Admin Audit:** A dropdown menu set to 'yes'.
- Collect Mailbox Audit:** A dropdown menu set to 'yes'.
- EPS Rate:** A dropdown menu set to '50'.

On the right side of the configuration window, there is a green box with the text 'Poll Now' and 'Reset Last Collect Time' buttons. A 'Close' button is located at the bottom right of the window.

Logs Collection

Initial collect will get audit data for the last 1 hour. You can reset last collect time to start next collect as initial with respective button in configuration window. To minimize potential performance impact for Exchange Server, if last collect time is more than 24 hours ago, the actual audit logs collection will be performed only for the recent 24 hours.

QRadar Native Alternatives

These logs are not available via standard QRadar protocols. Third-party LogBinderEX solution is much more expensive and requires agent installation on target servers.

License

QMEA is a commercial application with a single limitation: non-licensed mode allows only to perform collect once per 6 hours. Continued near-real-time audit logs collection is available only when the proper license is applied. To unlock continuous near real-time monitoring or request a PoC, please contact us at qlean@scnsoft.com. You can also request [QRadar Professional Services](#) for assistance.

IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/d72a63e90a9bc905f2c4b58383396b60>

QDATA - LDAP Data Enrichment [free]

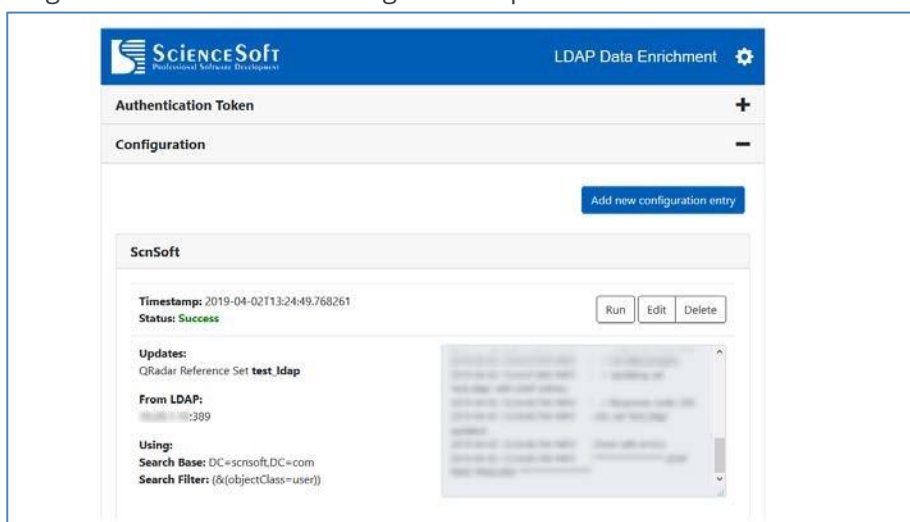
QDATA LDAP Data Enrichment is a free application by [ScienceSoft](#) that synchronizes the content of QRadar reference sets and tables with information from Active Directory and other LDAP-based storages.

QDATA supports:

- Multiple tasks with either periodic or scheduled synchronization
- Complex LDAP queries
- Advanced configuration
- Per-task statistics
- In-app logging

QDATA is vital for developing rules that depend on specific account type or group of users. Use cases include:

- Someone with Windows administrative account is accessing restricted servers
- Users from HR department are logging in to Sales file server
- Exchange server admin is accessing another person's mailbox



Using a simple flat list with usernames (reference set), it's just a matter of configuring a proper LDAP query in QDATA and adding e.g. "when any of Username are contained in any of Corp_Admin_Accounts" as a rule test.

QRadar Native Alternatives

The official QRadar LDAP extension provides imported data in a format that cannot be used in correlation rules.

License

Open Source / Apache 2. To start a free trial of any other QLEAN App Suite tools or request a custom application development contact us at glean@scnsoft.com or [QLEAN App Suite website](#). You can also request [QRadar Professional Services](#) for assistance.

IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/8259e5edf13edc14c430d45a19eedb45>

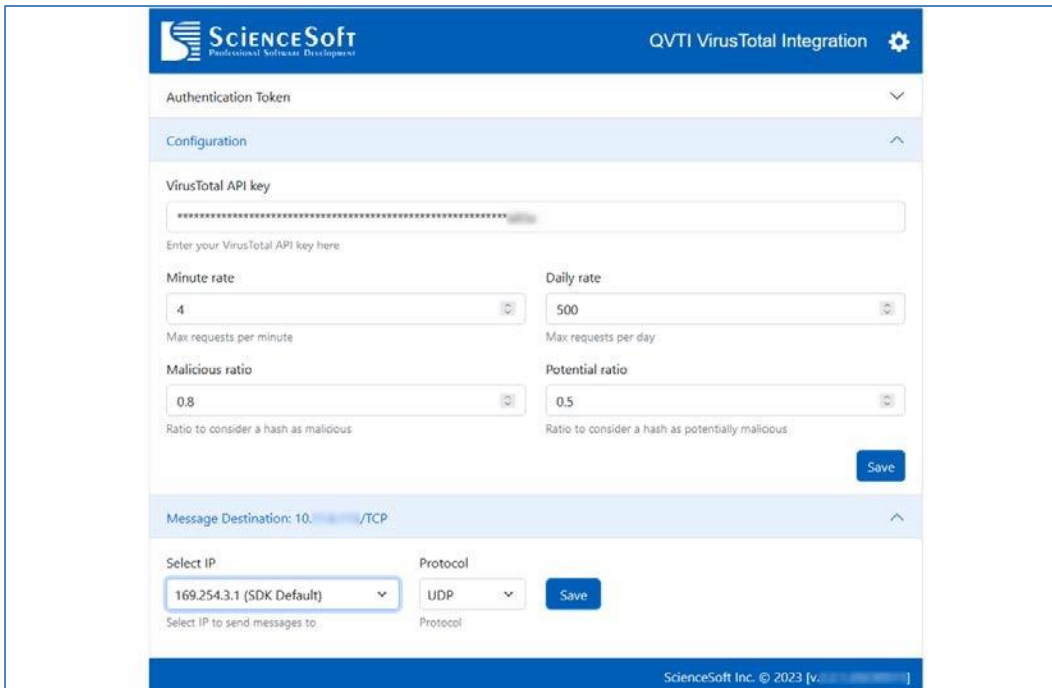
QVTI - VirusTotal Integration for Hash Checking [free]

QVTI Virus Total Integration for IBM Security QRadar SIEM (aka QVTI) is an application for checking software process hashes against VirusTotal DB using VirusTotal public API.

This QRadar extension checks new incoming hashes against VirusTotal DB, stores legitimate hashes to 'clean' Reference Set and generates offenses on malicious ones.

QVTI relies on the log data provided by Sysmon forwarded via WinCollect.

Automatic Sysmon/WinCollect installation and configuration is possible with QWAD - WinCollect Assisted Deployment application (see below).



QRadar Native Alternatives

No such functionality in QRadar. Users have to manually extract hashes from payload and upload them to VirusTotal.

License

Open Source / Apache 2. To start a free trial of any other QLEAN App Suite tools or request a custom application development contact us at qlean@scnsoft.com or QLEAN App Suite website. You can also request [QRadar Professional Services](#) for assistance.

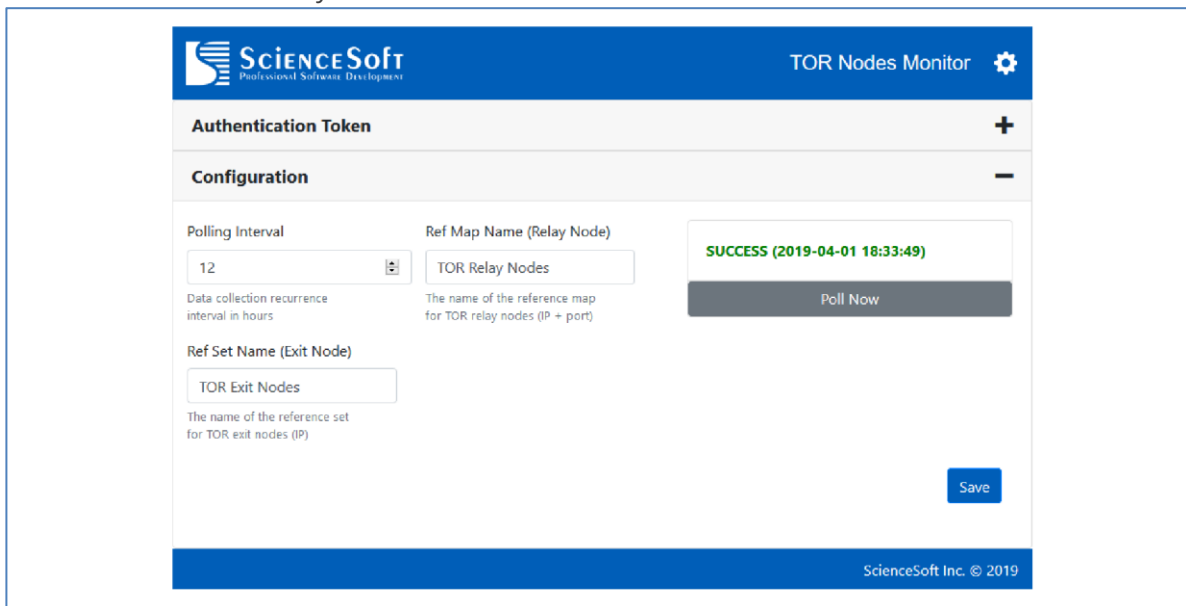
IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/db73ab17547d28409303c2c2583a5160>

QTOR – TOR Nodes Monitoring [free]

QTOR TOR Nodes Monitoring is a QRadar app that lets you easily monitor inbound and outbound connection to Darknet via TOR relay and exit nodes.

QTOR requires Internet access to reach <https://onionoo.torproject.org> website which is used to gather information about active relay and exit TOR nodes



QTOR package contains the following security content:

- QRadar application to poll TOR nodes
- Two custom rules for inbound and outbound TOR connections monitoring (works for both events and flows)

QRadar Native Alternatives

No such functionality in QRadar. Users have to manually extract and search for the required data.

License

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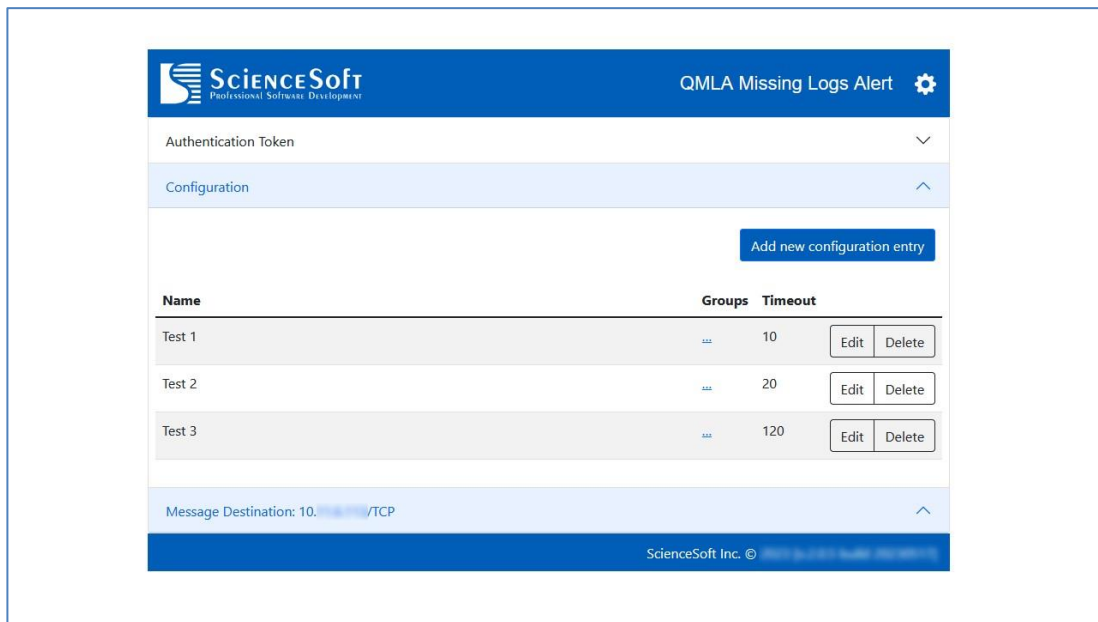
IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/a223db85970ba80e85dec70a52a279a3>

QMLA - Missing Logs Alert [free]

QMLA Missing Logs Alert is a QRadar app that allows users to easily monitor Log Sources that stopped sending events.

QMLA works at the log source group level and allows to specify timeout values for each log source group individually. This application provides users with comprehensive information about Log Sources that stopped sending events (that includes: Log Source Name, Log Source Type, Log Source Group, the last time events were seen from this Log Source, etc.)



QRadar Native Alternatives

QRadar does allow to notify for Log Source group not sending logs, but requires separate custom rule to be implemented for each group. QRadar native notifications for idle groups do not contain specific Log Source name, so administrator is unable to identify specific log source(s) which are not sending events any more.

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IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/eec42bd10ed3fed6d7841a41c01cfed9>

QLSI - Log Source Inventory [free]

QLSI Log Source Inventory is a QRadar app that generates periodical log sources reports in Excel format and sends them by email. QLSI reports are:

- configurable
- include log sources with all possible statuses (OK, in error, warning/timeout, disabled, unknown)
- include all major log source information and a legend
- XLSX formatted - allows sorting and filtering

You can also generate on-demand report and download it from UI. Two timeouts are applicable for each log source: default one (720 minutes) and custom (72h) that will help to differentiate log source inactivity as short-term and long-term.

Log Source Inventory		ScienceSoft		Default Domain			
NAME	STATUS	DESCRIPTION	TYPE	GROUPS	IDENTIFIER	CREATION DATE	
ASA @ asa-fake	SUCCESS	ASA device	Cisco Adaptive Security Appliance (/	Other	asa-fake	2021-01-19 10:04:06	202
Check Point @ fake-Is	SUCCESS	Check Point device	Check Point	Other	fake-Is	2022-07-12 13:42:14	202
Checkpoint @ fw-noise	TIMEOUT 72h		Check Point	Other	fw-noise	2022-10-17 13:44:30	202
CrowdStrike Audit	TIMEOUT 72h	Audit Events	CrowdStrikeAudit	Another_Test	CrowdStrikeAudit	2022-02-04 18:21:45	202
CrowdStrike Detection	TIMEOUT 72h	Detection	CrowdStrikeEndpoint	Other	CrowdStrikeEndpoint	2019-01-03 19:25:03	201
CrowdStrike Firewall	TIMEOUT 72h	Firewall Events	CrowdStrikeFirewall	Other	CrowdStrikeFirewall	2022-02-08 18:12:58	202
CrowdStrike Identity	TIMEOUT 72h	Identity Protection Events	CrowdStrikeIdentity	Other	CrowdStrikeIdentity	2022-02-09 18:56:44	202
CrowdStrike Incident	TIMEOUT 72h	Log Source for Incident Sun	CrowdStrikeIncident	Other	CrowdStrikeIncident	2022-01-24 21:32:54	202
CrowdStrike Recon	TIMEOUT 72h	Recon Events	CrowdStrikeRecon	Other	CrowdStrikeRecon	2022-02-08 22:12:52	202
DBWincollect	TIMEOUT 72h		Microsoft Windows Security Event L	Other	DBWincollect	2021-03-15 15:52:39	202
DNS_EU	TIMEOUT 72h		Microsoft DNS Debug	Other	DNS_EU	2021-03-19 11:28:32	202
DNS_US	TIMEOUT 72h		Microsoft DNS Debug	Other	DNS_US	2021-03-19 11:27:38	202
Endpointprotection @ SymantecServer	SUCCESS	Endpointprotection device	Symantec Endpoint Protection	Other	Endpointprotection	2021-01-19 08:27:18	202
Forcepoint V Series @	SUCCESS	Forcepoint V Series	Forcepoint V Series	Test	Forcepoint V Series	2020-11-18 14:16:32	202
Forcepoint V Series @	TIMEOUT 12h	Forcepoint V Series	Forcepoint V Series	Other	Forcepoint V Series	2023-03-01 14:38:17	202
FortiGate @	SUCCESS	FortiGate device	Fortinet FortiGate Security Gateway	Other	FortiGate	2023-02-07 12:14:02	202
Guardium @ g8	SUCCESS	Guardium device	IBM Guardium	Other	g8	2021-01-19 08:26:01	202
IBM DLC Metrics @ dlc.siemd172f4d2-9268	TIMEOUT 12h	IBM DLC Device	IBM DLC Metrics	Other	IBM DLC Metrics	2022-12-07 11:51:01	202
IBM i @ as400-fake	SUCCESS	IBM i Device	IBM i	Other	as400-fake	2021-01-19 08:29:22	202
IIS @ scnsoft-iis-default-web-site-	TIMEOUT 72h	IIS device	Microsoft IIS	Other	scnsoft-iis-default-web-site-	2021-01-28 10:57:09	202
IIS @ test-iis-default-web-site-	TIMEOUT 72h	IIS device	Microsoft IIS	Other	test-iis-default-web-site-	2021-06-16 21:31:08	202
IIS @ test00-iis-default-web-site-	TIMEOUT 72h	IIS device	Microsoft IIS	Other	test00-iis-default-web-site-	2021-04-21 21:32:00	202
LinuxServer @ centos	TIMEOUT 72h	LinuxServer device	Linux OS	Other	centos	2021-08-23 14:27:03	202
LinuxServer @ centos6	TIMEOUT 72h	LinuxServer device	Linux OS	Other	centos6	2021-08-26 08:49:06	202
LinuxServer @ rhel-acme-fake	SUCCESS	LinuxServer device	Linux OS	Other	rhel-acme-fake	2021-01-19 08:26:16	202
LinuxServer @ rhel-acme-fake6	SUCCESS	LinuxServer device	Linux OS	Other	rhel-acme-fake6	2021-01-19 10:05:10	202
Meraki MR WAP @	TIMEOUT 72h		Meraki MR Wireless Access Point	Other	Meraki MR WAP	2021-02-23 07:46:18	202
Microsoft DNS Debug @	TIMEOUT 72h	Microsoft DNS Debug devic	Microsoft DNS Debug	Another	Microsoft DNS Debug	2020-11-06 11:58:17	202
Microsoft DNS Debug @	TIMEOUT 72h	Microsoft DNS Debug devic	Microsoft DNS Debug	Another	Microsoft DNS Debug	2020-11-06 11:58:34	202
MicrosoftExchange @	TIMEOUT 12h	MicrosoftExchange device	Microsoft Exchange Server	Other	MicrosoftExchange	2023-01-26 06:56:26	202
MicrosoftExchange @	TIMEOUT 72h	MicrosoftExchange device	Microsoft Exchange Server	Other	MicrosoftExchange	2022-10-25 00:41:12	202

QRadar Native Alternatives

Log Source Management extension and QRadar reports allows exporting to CSV format which is not quite convenient for analysis and reporting. QLSI report also contains unique information which is not available from standard exports, like EPS values per each log source.

License

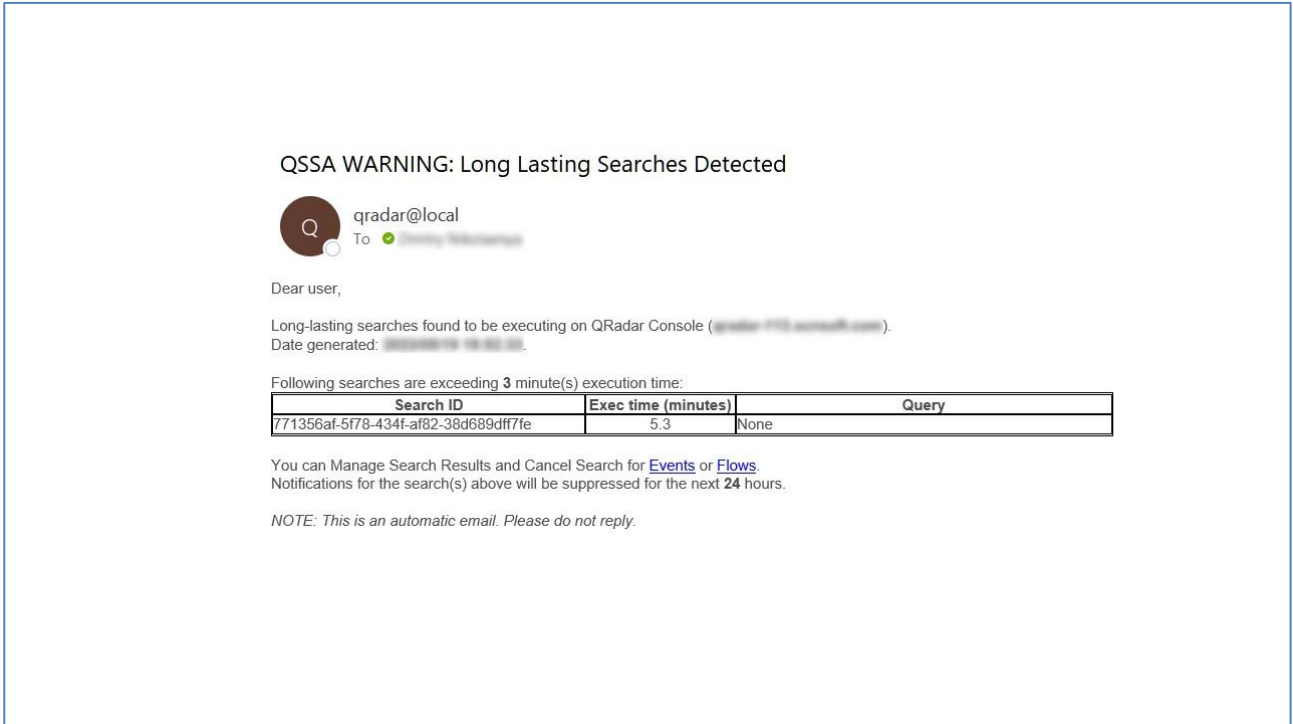
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IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/466f0ff55b35e84e634e7b7f1f5c966a>

QSSA - Slow Search Alert [free]

QSSA Slow Search Alert is a QRadar app developed for sending email notifications when long-lasting searches are detected. Helps administrator to monitor system performance.



QRadar Native Alternatives

No such functionality in QRadar.

License

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IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/ca87a26373133fc760e44984f2e7520a>

QOR - Offense Reporter [free]

QOR Offense Reporter is a QRadar app that generates periodical offense reports in Excel formats and sends them by email. Incident Reports are:

- configurable
- report data is separated by domains
- includes all offenses (active, inactive, closed)
- includes closing date, reason, notes, closed-by-user, etc.
- XLSX formatted - allows sorting and filtering

QRadar Incident Reporting												ScienceSoft
2020/06/04 10:17:47 (7 days)												
ID	OFFENSE NAME	SOURCE	STATUS	START	LAST UPDATE	CLOSED	CLOSED BY	EVENTS/FLOWS	RULE(S)	CLOSING REASON	NOTES	
37751	cry me a river containing DNS In Progress		OPEN	2020/02/04 13:16:47	2020/06/04 10:15:42			36728/0	cry me a river			
37750	Exploit followed by Suspicious Host Activity - Cha		ALL OFF	2020/02/04 13:07:29	2020/06/04 10:16:54			40136/0	Multiple (3)			
37749	__crush me too__ containing DNS In Progress		CLOSED	2020/02/04 12:04:35	2020/02/04 13:06:48	2020/02/04 13:07:07		524/0	__crush me too__	False-Positive, Tuned		
37748	__crush me too__ containing Reverse-lookup Rec		CLOSED	2020/02/04 12:01:03	2020/02/04 12:03:50	2020/02/04 12:04:10	admin	144/0	__crush me too__	Non-Issue		
37747	Excessive Firewall Denies Between Hosts preced		OPEN	2020/01/04 20:27:04	2020/01/04 20:40:59			992/989	Multiple (2)			
37695	Host Record		OPEN	2020/31/03 12:48:57	2020/31/03 12:48:57			2/0	N/A			
37694	Start of Authority Record		OPEN	2020/31/03 12:48:57	2020/31/03 12:48:57			2/0	N/A			
37692	Host Record		OPEN	2020/31/03 12:48:56	2020/31/03 12:48:56			1/0	N/A			
37691	Host Record		OPEN	2020/31/03 12:48:56	2020/31/03 12:48:56			1/0	N/A			
37690	Host Record		OPEN	2020/31/03 12:48:55	2020/31/03 12:48:55			1/0	N/A			
37689	Host Record		OPEN	2020/31/03 12:48:55	2020/31/03 12:48:55			1/0	N/A			
37688	Service Record preceded by Host Record precede		OPEN	2020/31/03 12:48:55	2020/31/03 12:48:55			14/0	N/A			
37687	Host Record		OPEN	2020/31/03 12:48:55	2020/31/03 12:48:55			1/0	N/A			
37684	Host Record		OPEN	2020/31/03 12:48:55	2020/31/03 12:48:55			1/0	N/A			
37682	Host Record		OPEN	2020/31/03 12:48:55	2020/31/03 12:48:55			1/0	N/A			
37681	Host Record		OPEN	2020/31/03 12:48:55	2020/31/03 12:48:55			1/0	N/A			
37680	Flow Junk Test Rule containing Host Record		OPEN	2020/31/03 12:48:54	2020/01/04 20:40:08			19/15	Multiple (2)			
37679	Host Record		OPEN	2020/31/03 12:48:54	2020/31/03 12:48:54			1/0	N/A			
37678	Host Record		OPEN	2020/31/03 12:48:54	2020/31/03 12:48:55			3/0	N/A			
37674	Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:53			1/0	N/A			
37673	Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:53			2/0	N/A			
37670	Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:53			2/0	N/A			
37669	Host Record preceded by Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:55			4/0	N/A			
37664	Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:53			2/0	N/A			
37663	Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:55			2/0	N/A			
37662	Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:53			2/0	N/A			
37660	Host Record preceded by Host Record		OPEN	2020/31/03 12:48:53	2020/31/03 12:48:53			2/0	N/A			
37738	Service Record		OPEN	2020/31/03 12:48:25	2020/31/03 12:48:25			1/0	N/A			

QRadar Native Alternatives

QRadar reports allows exporting offenses to CSV format which is not quite convenient for analysis and reporting. QOR report also contains unique information which is not available from standard exports, like notes, closing reasons, offense rule name, etc.

License

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IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/630f4d6c412e3fca7d506b84fc31d8e>

QWAD - WinCollect Assisted Deployment [commercial]

QWAD WinCollect Assisted Deployment is designed to automatically install and configure IBM WinCollect Agent in unmanaged mode.

WinCollect is a Syslog event forwarder that administrators can use to forward events from Windows Event Log to QRadar. With either stand-alone or managed deployment scenario WinCollect can provide an efficient and convenient way to feed log data to SIEM solution, not limited with native Windows audit journals but also most of major Windows services like IIS, DHCP, DNS and others.

Many security architects do realize that integration of the third-party agents into corporate network is not an easy process. Even when all the corporate standards of minor performance impact, code sustainability and supportability are passed, agents still have to be deployed and configured all over the infrastructure. This task requires permanent coordination with operating systems admins, automation tools for deployment, monitoring tools integration, manual interaction for specific log sources configuration on each and every target system, troubleshooting and upgrade policies implementation, and a lot more.

WinCollect Host Status

previous execution status

STATUS: OK: 1, NOK: 0

TYPE: hostcheck [selected]

PID: [not running]

show previous execution status

Operation: Global: Host Check On Unprocessed

Off Ignored

[View](#)

run deployment tasks

Operation: Global: Host Check

Scope: Selected

hosts status table											
Host	FQDN	Status	Error	Mode	Windows	Agent	Sysmon	Console	Started		
<input type="checkbox"/>		OK		hostcheck	Windows 10 Ent...	NOT_INSTALLED [RU...	14.13 [RUNNING]	NOT_INSTALLED	11 Jan 2023 19:33:23	11	
<input type="checkbox"/>		OK		hostcheck	Windows 10 Ent...	7.3.1.22 [RUNNING]	13.34 [RUNNING]	NOT_INSTALLED	11 Jan 2023 19:34:08	11	
<input type="checkbox"/>		OK		hostcheck	Windows 10 Ent...	7.3.1.22 [RUNNING]	13.34 [RUNNING]	NOT_INSTALLED	11 Jan 2023 19:33:32	11	
<input type="checkbox"/>		NOK	RECEIVED UNEXP...	hostcheck					11 Jan 2023 19:33:42	11	

Page 1 of 1 First Previous

host processing logs [] - inactive

```

2023-01-11 19:34:13,566 INFO [6421] [wincollect_deploy:deploy_all] >> Remote URL: \\
2023-01-11 19:34:13,578 DEBUG [6421] [wincollect_deploy:deploy_all] >> EXEC: powershell.exe -C "[System.BitConverter]::ToString([System.Security.Cryptography.MD5]::Create()).Com
2023-01-11 19:34:13,885 DEBUG [6421] [wincollect_deploy:deploy_all] >> COMMAND OUTPUT:
2023-01-11 19:34:13,886 DEBUG [6421] [wincollect_deploy:deploy_all] >> STDOUT > 497CDA9BA6EFFDBBCFDE4AC8869768EA
2023-01-11 19:34:13,886 INFO [6421] [wincollect_deploy:deploy_all] >> SRC file MD5: '497CDA9BA6EFFDBBCFDE4AC8869768EA'
2023-01-11 19:34:13,886 INFO [6421] [wincollect_deploy:deploy_all] >> Getting remote file size: 'C:\WinCollect\config\AgentConfig.xml'.
2023-01-11 19:34:13,886 DEBUG [6421] [wincollect_deploy:deploy_all] >> EXEC: for %i in ("C:\WinCollect\config\AgentConfig.xml") do @echo %~z1
2023-01-11 19:34:14,013 DEBUG [6421] [wincollect_deploy:deploy_all] >> COMMAND OUTPUT:
2023-01-11 19:34:14,014 INFO [6421] [wincollect_deploy:deploy_all] >> STDOUT > 17113
2023-01-11 19:34:14,014 INFO [6421] [wincollect_deploy:deploy_all] >> File size: '17113'
2023-01-11 19:34:14,014 INFO [6421] [wincollect_deploy:deploy_all] >> Writing local file.
2023-01-11 19:34:14,078 INFO [6421] [wincollect_deploy:deploy_all] >> DST file MD5: '497CDA9BA6EFFDBBCFDE4AC8869768EA'
2023-01-11 19:34:14,078 INFO [6421] [wincollect_deploy:deploy_all] >> MD5 matched, OK.
2023-01-11 19:34:14,078 INFO [6421] [wincollect_deploy:deploy_all] >> Configuration backup OK.
2023-01-11 19:34:14,079 INFO [6421] [wincollect_deploy:deploy_all] >> Disconnecting PsExec session:
2023-01-11 19:34:14,109 INFO [6421] [wincollect_deploy:deploy_all] >> PsExec service removed.
2023-01-11 19:34:14,121 INFO [6421] [wincollect_deploy:deploy_all] >> PsExec session disconnected.
2023-01-11 19:34:14,122 INFO [6421] [wincollect_deploy:deploy_all] >> Disconnecting SMB session:
2023-01-11 19:34:14,128 INFO [6421] [wincollect_deploy:deploy_all] >> SMB session deleted: :445
2023-01-11 19:34:14,128 INFO [6421] [wincollect_deploy:deploy_all] >> PsExec disconnection sequence finalized.
                
```

Once installed, IBM WinCollect Assisted Deployment can easily cover following scenarios with this application:

- Deploy WinCollect agent all over the infrastructure*, utilizing different deployment, authentication and host profiles for maximum flexibility;
- Automatically configure all the log source types supported by WinCollect**, and configure custom logs polling;
- Filter out unnecessary events with X-Path;
- Deploy and configure Sysmon along with WinCollect, easily integrate with VirusTotal;

- Monitor for agent's status, download remote agent logs for troubleshooting;
- Perform remote upgrade, re-configure agents (detect new Windows services) without reinstallation;
- Avoid manual log sources addition to QRadar, all the auto-configured log sources will be autodetected and appear in QRadar automatically;
- Plan and organize security-related infrastructure separately from operating systems infrastructure;

IBM WinCollect Deployment Assistant App Can be used without any limitations in licensed mode. Nonlicensed mode is limited with three (3) target Windows hosts only.

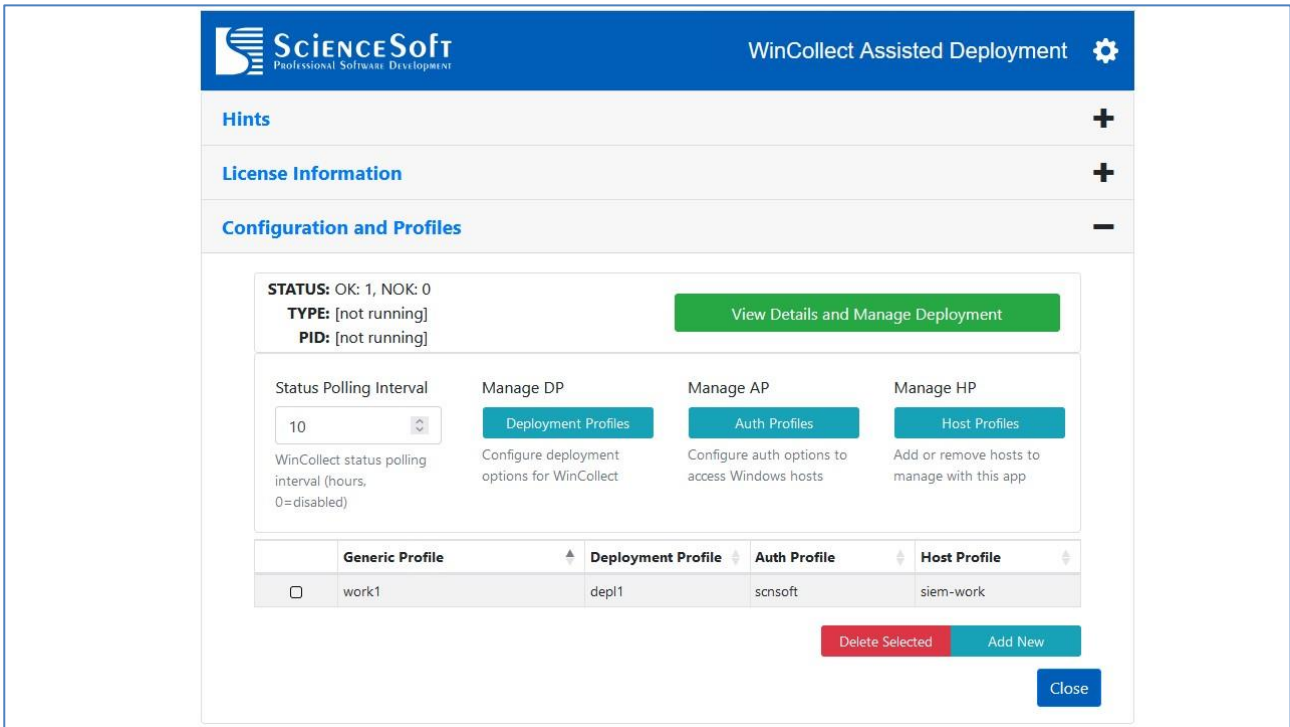
*Operating Systems Supported:

- Microsoft Windows 7
- Microsoft Windows 10
- Microsoft Windows 2003 Server
- Microsoft Windows 2008 Server
- Microsoft Windows 2008R2 Server
- Microsoft Windows 2012 Server
- Microsoft Windows 2012R2 Server
- Microsoft Windows 2016 Server • Microsoft Windows 2019 Server
- Microsoft Windows 2022 Server

**Auto-configured Log Source Types:

- Microsoft Windows Security Log
- Microsoft Windows Application Log
- Microsoft Windows System Log
- Microsoft Directory Service Log
- Microsoft File Replication Service Log
- Microsoft Forwarded Event Log
- Microsoft SQL Log
- Microsoft IIS Log
- Microsoft DHCP Logs
- Microsoft Exchange: Outlook Web Access events (OWA)
- Microsoft Exchange: Simple Mail Transfer Protocol events (SMTP)
- Microsoft Exchange: Message Tracking Protocol events (MSGTRK)
- Microsoft DNS Debug Logs
- XPath Query and Sysmon Logs
- Custom Plain-Text Logs
- Custom IIS-Formatted Logs
-

NOTE: QWAD can be installed as a QRadar extension, and you can also request a stand-alone MSI package for installation on a Windows server.



QRadar Native Alternatives

No such functionality in QRadar. All steps must be performed manually which is extremely time consuming.

License

QWAD WinCollect Assisted Deployment is a commercial application available for free with one limitation: non-licensed mode allows to verify status of WinCollect instances and perform deployment actions for three (3) Windows hosts only. In order to obtain a quote for the license or request a PoC, please contact us at qlean@scnsoft.com. You can also request any other QLean App Suite trial licenses and [QRadar Professional Services](#) for assistance.

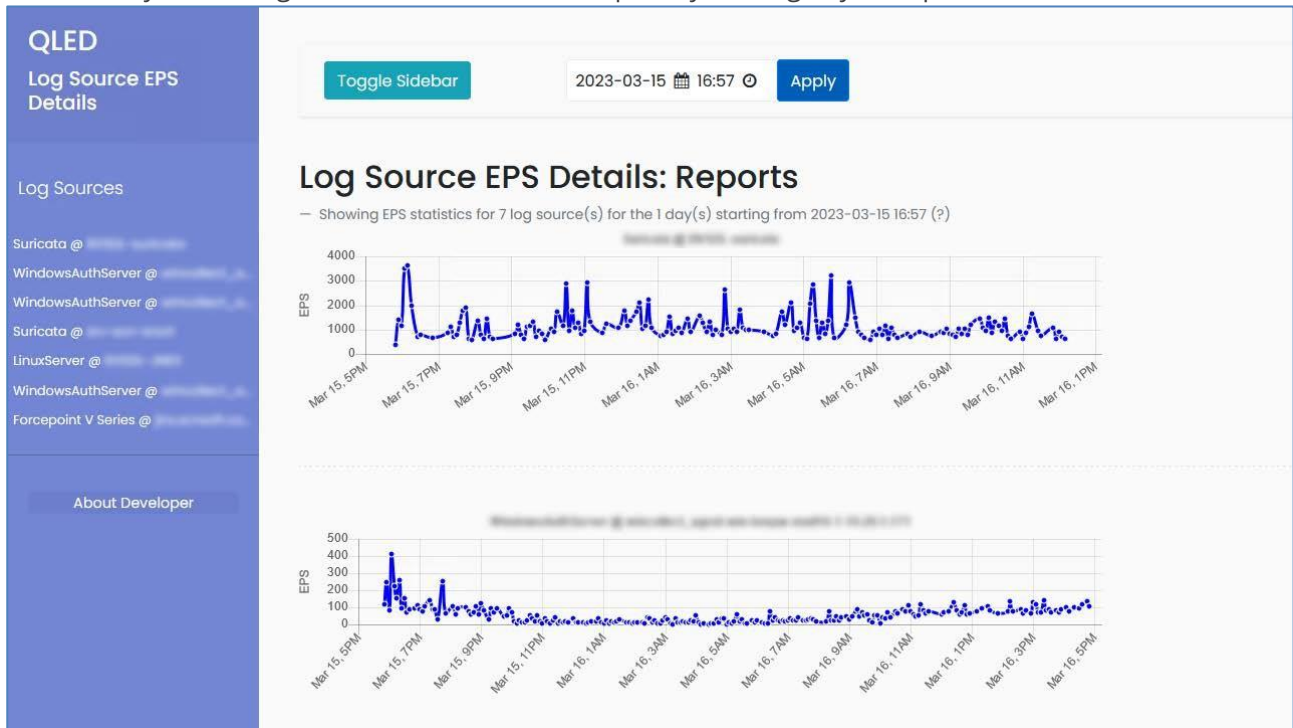
IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/0cebfe2f0019efc70d565ca75a20e80a>

QLED - Log Source EPS Details [free]

QLED Log Source EPS Details is a QRadar app that allow to monitor the number of events (EPS) received by each individual log source and drill-down for details.

QLED does not utilize heavy AQL queries, but requests information from QRadar API, stores EPS statistics data in the local SQLite database and visualizes charts in a new QRadar tab. You can configure the app to store statistics only for the log sources exceeding specific number of EPS. You can also use drill-down functionality to investigate the real cause of EPS spike by clicking any data point on the chart.



QRadar Native Alternatives

The native Top Log Sources dashboard shows the number of events instead of EPS (conversion/calculation is needed), doesn't allow drilling down to details of specific event types – manual searching is required, and utilizes heavy AQL queries.

License

Free / Closed Sources. To start a free trial of any other QLEAN App Suite tools or request a custom application development contact us at qlean@scnsoft.com or [QLEAN App Suite website](https://www.scnsoft.com/qlean-app-suite). You can also request [QRadar Professional Services](#) for assistance.

IBM App Exchange

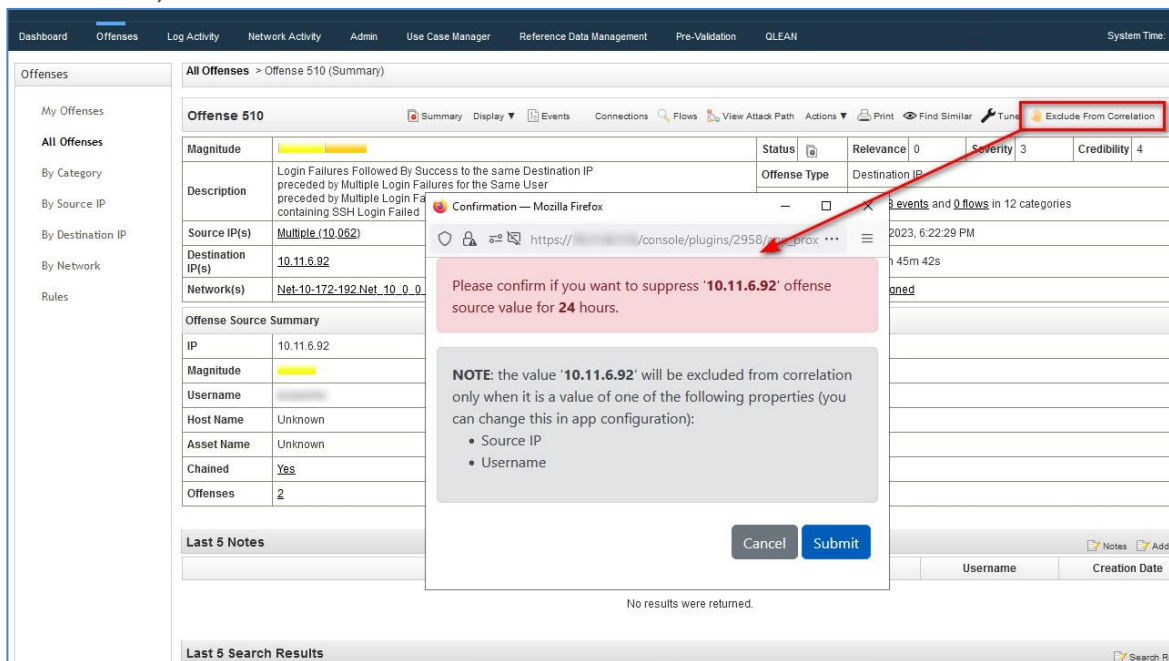
<https://exchange.xforce.ibmcloud.com/hub/extension/9f8012353698403fadebd4f7f3a6716c>

QEFC - Exclude From Correlation [free]

QEFC Exclude From Correlation is a QRadar app that adds a new button for offense details page that allows you to temporary whitelist offense source value (send it to special reference set) with a single click. Once added to the reference set, this particular offense source value (IP address, username, custom property, etc.) will be whitelisted for configurable amount of time (24 hours by default).

One of the possible usage scenarios is when security response team is already identified a compromised host or username, and want to avoid further notifications from this source till the asset is not fully recovered.

In order to make this solution work you will need to manually add 'OFFENSE.WHITELISTING: Event Marked False Positive' rule to the 'FalsePositive: False Positive Rules and Building Blocks' rule test. Detailed explanation of required configuration steps is available in app configuration page (check Admin tab after QEFC installation).



QRadar Native Alternatives

No such functionality. Analysts must manually change all rules that might trigger on the required property.

License

Open Source / Apache 2. To start a free trial of any other QLEAN App Suite tools or request a custom application development contact us at qlean@scnsoft.com or QLEAN App Suite website. You can also request [QRadar Professional Services](#) for assistance.

IBM App Exchange

Coming soon: <https://exchange.xforce.ibmcloud.com/hub?q=sciencesoft&ippr=64>

QFSO - Find Similar Offenses [free]

QFSO Find Similar Offenses is a QRadar app that adds a new button for offense details page that will open a new window with all similar offenses (generated by the same rule). When several rules are contributed to the offense, user will be given an option to select specific rule.

Such a solution can be useful to speed-up investigations and tuning.

The screenshot shows the QRadar interface for an offense (Offense 515). A red box highlights the 'Find Similar' button in the top right corner. A modal window titled 'Select Rule' is open, displaying the message 'Please select a rule name to display related offenses:'. Two buttons are visible in the modal: 'Multiple Login Failures for Single Username' and 'Login Failures Followed By Success to the same Username'. The background interface shows a table with columns for Status, Relevance, Severity, and Credibility, and a 'Notes' section at the bottom.

QRadar Native Alternatives

No such functionality. Analysts have to manually search for similar offenses.

License

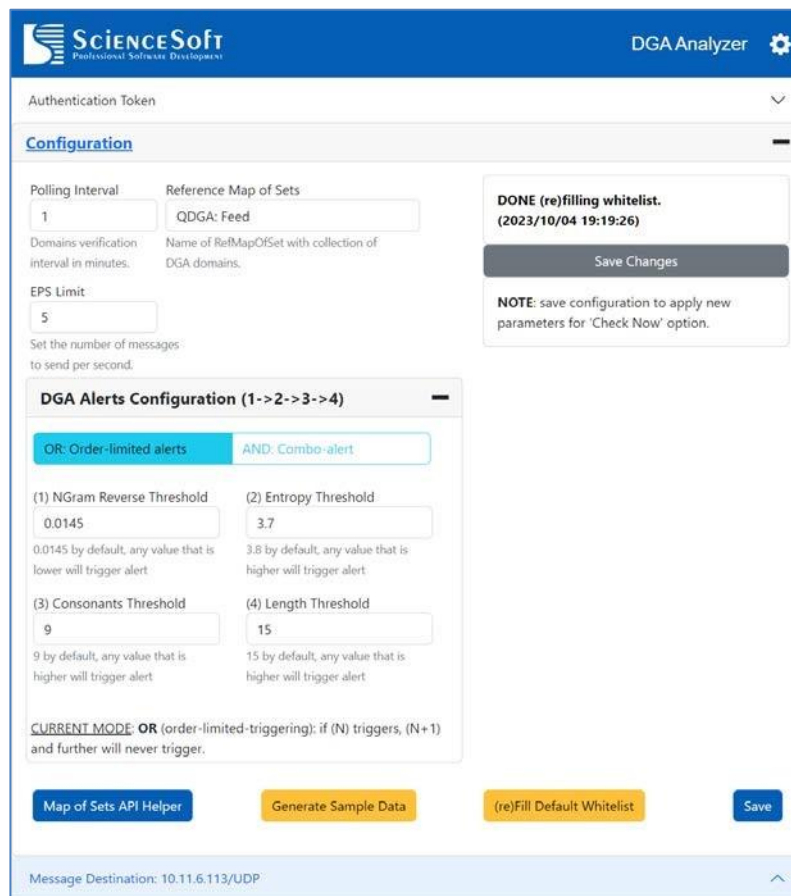
Open Source / Apache 2. To start a free trial of any other QLEAN App Suite tools or request a custom application development contact us at qlean@scnsoft.com or [QLEAN App Suite website](#). You can also request [QRadar Professional Services](#) for assistance.

IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/17d11f13e5d7aee9c84b2d2898d08989>

QDGA - DGA Analyzer [free]

QDGA DGA Analyzer is a QRadar app that includes rules and reference sets and serves as a collector of "bad" domains that were created by Domain Generation Algorithms. Using a special rule, domains will be put to a selected Reference Set from the specified log sources. Then, QDGA processes and filters collected domains by a trained neural network and, in cases DGA is detected, will mark it and alert users by Offense.



QRadar Native Alternatives

DGA processing is available in QRadar DNS Analyzer application. QDGA is a lightweight alternative to that application.

License

Open Source / Apache 2. To start a free trial of any other QLEAN App Suite tools or request a custom application development contact us at qlean@scnsoft.com or [QLEAN App Suite website](#). You can also request [QRadar Professional Services](#) for assistance.

IBM App Exchange

Coming soon: <https://exchange.xforce.ibmcloud.com/hub?q=sciencesoft&ippr=64>

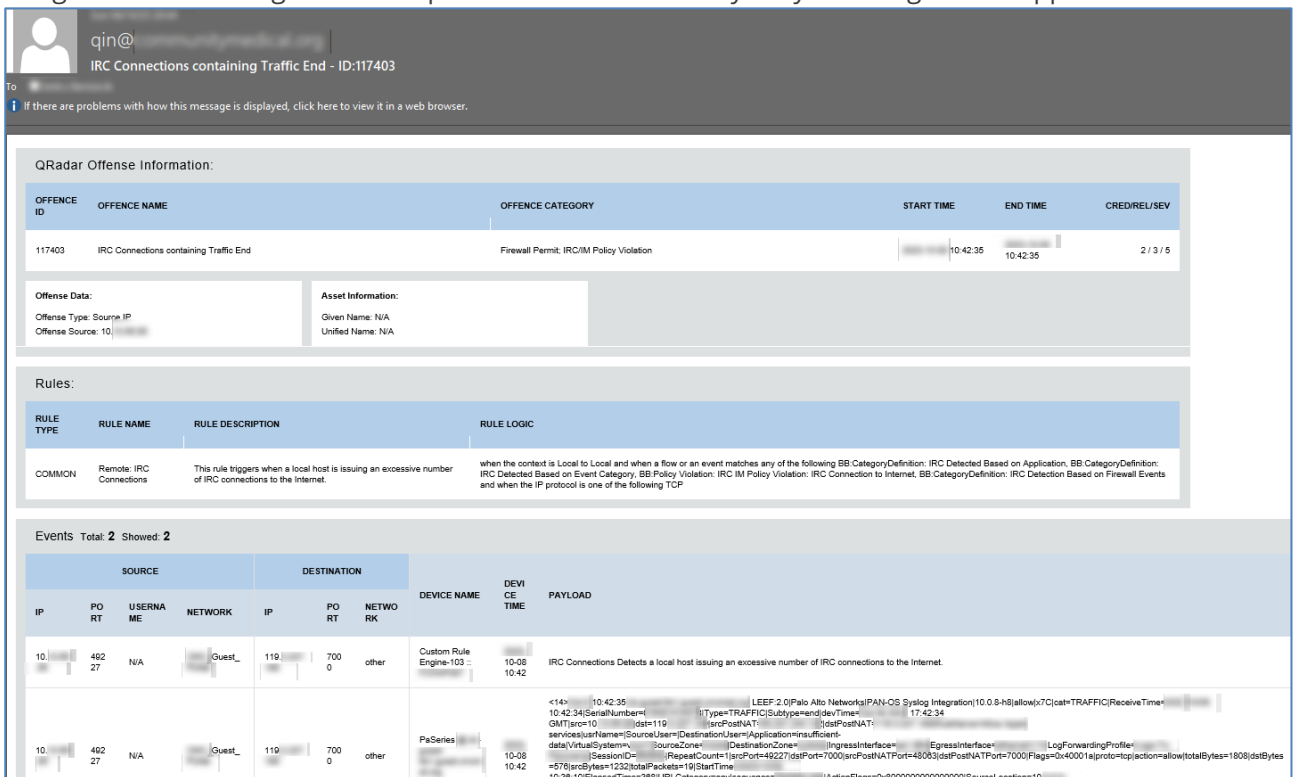
QIN - Incident Notifier [commercial]

The main purpose of any SIEM systems is to be aware of any security incidents that have just happened as soon as possible. IBM QRadar SIEM does its best parsing and correlating events from all kind of sources and creating offenses whenever any security incident happens. There are out-of-the-box mechanisms, such as GUI and email notifications, that allow QRadar to notify security analysts about offenses. While out-of-the-box email notifications work fine, they still lack some flexibility and require some technical knowledge to create or edit an email template. In addition, using vanilla QRadar, you can't assign an offense to a specific analyst based on its type or content.

QRadar Incident Notifier allows you to perform these tasks in a simple way and moreover it allows you to configure notifications to be send not only via email, but also using:

- Twilio SMS
- Telegram
- Slack
- MS Teams
- Jira
- Skype

QRadar Incident Notifier uses rules to make decisions on where and how to send notifications and to assign offenses to analysts, as well as templates to determine the amount of information to be included into the message. Every rule is based on a regex that can be applied to offense description, name of the rule that has triggered the offense, offense category or the actual payload of related events and/or flows. Integrated Rule Manager and Template Editor make it really easy to configure the app.

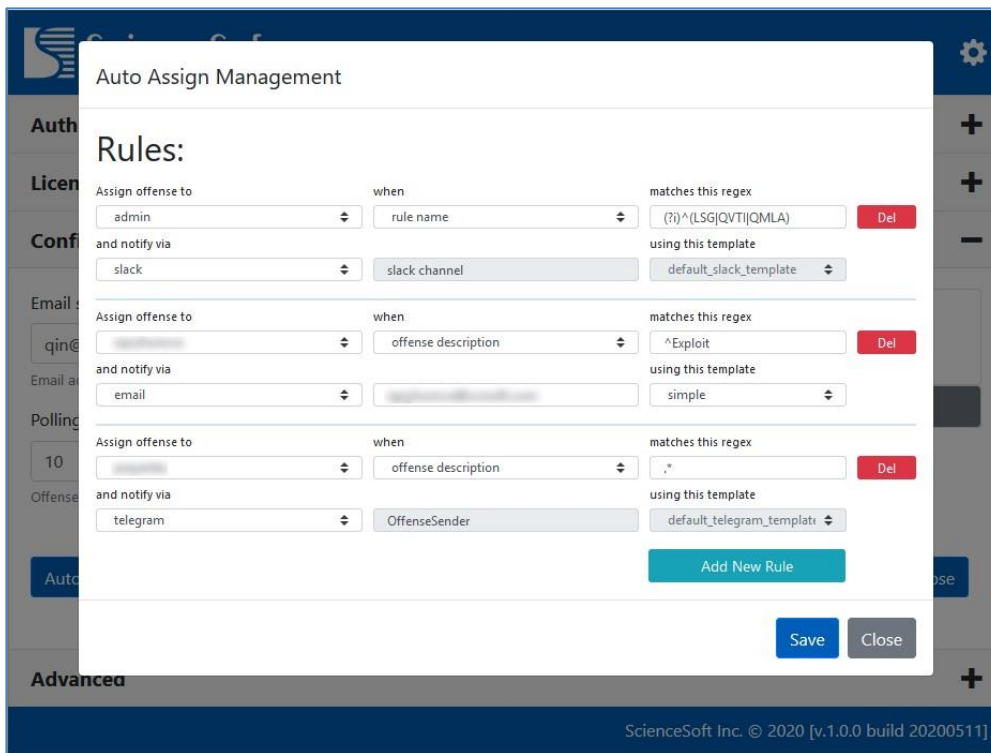


The screenshot displays the QRadar Incident Notifier interface. At the top, it shows the user 'qin@' and the subject 'IRC Connections containing Traffic End - ID:117403'. Below this, there is a section for 'QRadar Offense Information' with a table of offenses. The table has columns for Offense ID, Offense Name, Offense Category, Start Time, End Time, and CredRel/Sev. The main offense listed is ID 117403, named 'IRC Connections containing Traffic End', categorized as 'Firewall Permit: IRC/IM Policy Violation', with start and end times of 10:42:35. Below the table are sections for 'Offense Data' and 'Asset Information'. The 'Rules' section shows a table with columns for Rule Type, Rule Name, Rule Description, and Rule Logic. The 'Events' section shows a table with columns for Source (IP, Port, Username, Network), Destination (IP, Port, Network), Device Name, Device Time, and Payload. Two events are shown, both related to the 'IRC Connections' rule.

OFFENSE ID	OFFENSE NAME	OFFENSE CATEGORY	START TIME	END TIME	CREDREL/SEV
117403	IRC Connections containing Traffic End	Firewall Permit: IRC/IM Policy Violation	10:42:35	10:42:35	2 / 3 / 5

RULE TYPE	RULE NAME	RULE DESCRIPTION	RULE LOGIC
COMMON	Remote: IRC Connections	This rule triggers when a local host is issuing an excessive number of IRC connections to the Internet.	when the context is Local to Local and when a flow or an event matches any of the following BB.CategoryDefinition: IRC Detected Based on Application, BB.CategoryDefinition: IRC Detected Based on Event Category, BB.Policy.Violation: IRC IM Policy Violation: IRC Connection to Internet, BB.CategoryDefinition: IRC Detection Based on Firewall Events and when the IP protocol is one of the following TCP

SOURCE		DESTINATION			DEVI	DEVI	PAYLOAD	
IP	PO	USERNA	NETWOR	IP	PO	RT	TIME	
10.10.10.10	462	N/A	Guest_L	110.110.110.110	700	0	10-08 10:42	Custom Rule Engine-103 : IRC Connections Detects a local host issuing an excessive number of IRC connections to the Internet.
10.10.10.10	462	N/A	Guest_L	110.110.110.110	700	0	10-08 10:42	PeSeries : <14> 10:42:35 LEEF 2.0 Palo Alto Network PAN-OS Syslog Integration 10.0.8-h8 allow(7C)cah+TRAFIC ReceiveTime= 10:42:34 SerialNumber= 17:42:34 Type=TRAFIC SubType=end devTime= GMT src=10 dst=110 srcPostNAT: dstPostNAT: service/userName= SourceUser= DestinationUser= Application=insufficient-data VirtualSystem= SourceZone= DestinationZone= IngressInterface= EgressInterface= LogForwardingProfile= SessionID= RepeatCount=1 srcPort=49227 dstPort=7000 srcPostNATPort=43003 dstPostNATPort=7000 Flags=0x4000 a prote= top action=allow totalBytes=1808 dstBytes=576 srcBytes=1232 totalPackets=19 StartTime 10:39:10 ElapsedTime=368 URLCategory=any sequence= ActionFlags=0x8000000000000000 SourceLocation=10



QRadar Native Alternatives

Out-of-the-box QRadar offense notification mechanism is limited and does not allow to assign offenses; email template modification requires root access and does not support HTML tags. Native email notification can't send offense ID and event details at the same notification, no option to include several related events/flows, rule(s) details and asset information.

License

QIN is a commercial application and requires a license to operate. In order to obtain a quote for the license or request a PoC, please contact us at qlean@scnsoft.com. You can also request any other QLean App Suite trial licenses and [QRadar Professional Services](#) for assistance.

IBM App Exchange

<https://exchange.xforce.ibmcloud.com/hub/extension/8cfc0deb14bb99bcc8e1d8289a948efd>

QArtifact [commercial] – coming soon

QArtifact is a QRadar extension that enhances offense investigations by allowing security analyst to attach evidences (artifacts) like files, images and links to offenses.

Offense Source Summary			
IP	192.168.1.10	Location	Net-10-172-192:Net_10_0_0
Magnitude	5	Vulnerabilities	0
Username	Unknown	MAC Address	Unknown NIC
Host Name	Unknown		
Asset Name	Unknown	Asset Weight	0
Chained	Yes		
Offenses	5	Events/Flows	96,983

Last 5 Artifacts				
Type	Time	Content	Description	User
image	Tue Oct 10 2023 10:51:50 GMT+0300 (GMT+03:00)		Evidences	admin
file	Tue Oct 10 2023 10:47:28 GMT+0300 (GMT+03:00)	ODGA_2.0.0.zip	Test file	admin
link	Tue Oct 10 2023 10:47:11 GMT+0300 (GMT+03:00)	https://google.com	Test link	admin

Last 5 Notes		
Notes	Username	Creation Date
No results were returned.		

QRadar Native Alternatives

No such functionality – only text notes can be attached to offenses.

SCIENCE Soft
PROFESSIONAL SOFTWARE DEVELOPMENT
QArtifact

Offense #527: Login Failures Followed By Success to the same Destination IP preceded by Multiple Login Failures for the Same User preceded by Multiple Login Failures to the Same Destination containing SSH Login Failed

Start time: 2023-09-14 01:28:41 **Last time:** 2023-10-10 10:52:18 **Status:** OPEN

[Add new artifact](#)

Show 5 entries Search:

Type	Timestamp	Content	Description	User
image	10/10/2023, 10:51:50 AM		Evidences	admin
file	10/10/2023, 10:47:28 AM	ODGA_2.0.0.zip	Test file	admin
link	10/10/2023, 10:47:11 AM	https://google.com	Test link	admin

Showing 1 to 3 of 3 entries Previous 1 Next

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License

QArtifact is a commercial application and requires a license to operate. In order to obtain a quote for the license or request a PoC, please contact us at qlean@scnsoft.com. You can also request any other QLean App Suite trial licenses and [QRadar Professional Services](#) for assistance.

IBM App Exchange

Coming soon: <https://exchange.xforce.ibmcloud.com/hub?q=sciencesoft&ippr=64>

Addon 1: MITRE for QRadar

- MITRE ATT&CK for Windows:
<https://exchange.xforce.ibmcloud.com/hub/extension/54490632a4d2b3053330da0a7a079e12>
- MITRE ATT&CK for Linux (new version *coming soon*):
<https://exchange.xforce.ibmcloud.com/hub/extension/79d1dd8735f00396a524e4fa7d361a51>

Addon 2: Custom DSM

- Kubernetes Integrity Monitoring:
<https://exchange.xforce.ibmcloud.com/hub/extension/b861d171bb69cbf483af1dabd50c23ef>

Addon 3: Coming Soon

- QDLA Dynamic License Allocator
- WarnApp QRadar warning app
- QLAD Linux Assisted Deployment

<https://qlean.io/#appsuite>

For more information please contact: qlean@scnsoft.com