



Qualys Security Conference Dubai

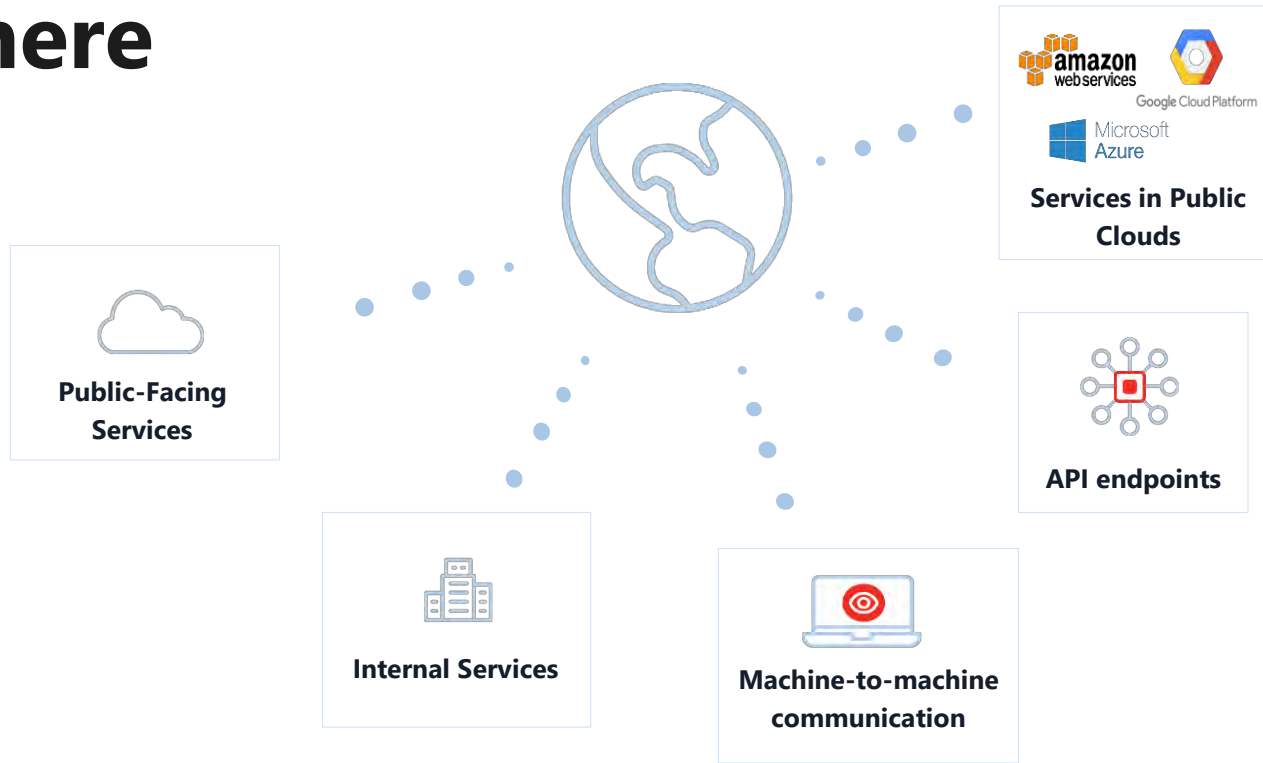
Qualys CertView

Managing Digital Certificates

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Certificates are Everywhere



Schedule to disable TLS 1.0 / 1.1

- Chrome: Jan 2020
- Firefox/Safari: March 2020
- IE: First half of 2020

TLS 1.3 is faster and removes support for insecure features and ciphers





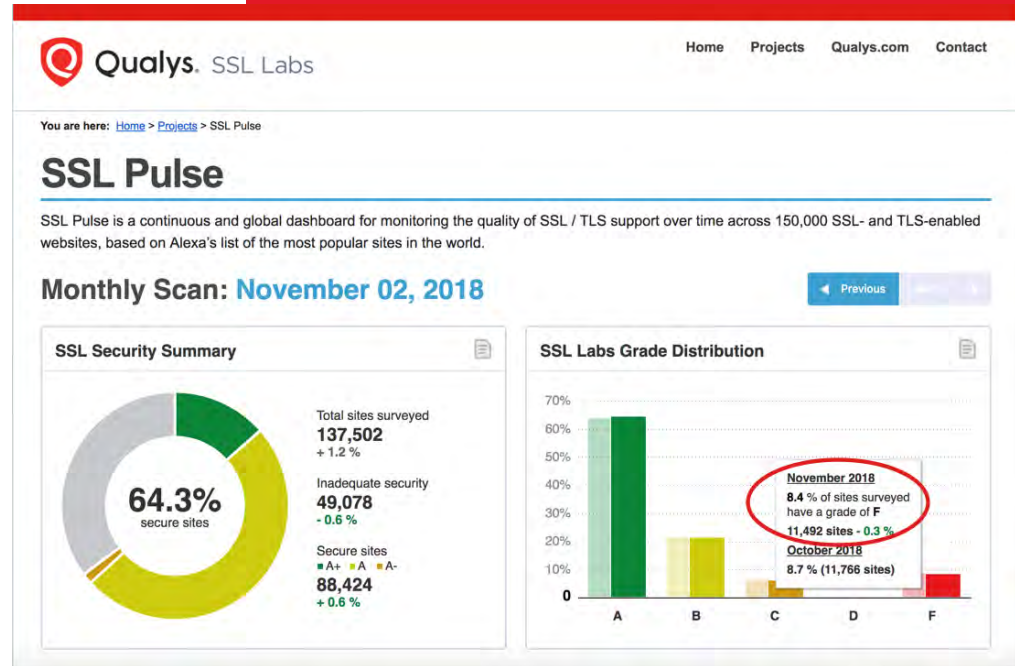
SSL Pulse

The Good

- No SHA1 or 1024 bit keys

The Bad (~35% inadequate)

- Expired certificates: ~5,200
- Expiring in the next 2 weeks: ~4,500
- Weak/Insecure cipher suites: ~4,200
- SSLv2/SSLv3: ~15,000
- TLSv1.0: ~99,000 (72%)
- RC4 enabled: ~22,000 (16%)



Current State of Most Organizations

Limited Visibility

95% of organizations don't know where certs are in their networks

Limited ownership information

The unknown is difficult to manage

Expirations Missed

Unplanned outages

Many more "near misses"

Compliance

Certificates from unapproved CAs

Responding to audits are manually intensive exercises

Reliance on Manual Processes

Spreadsheets are error prone and out-of-date

Expensive, not scalable as certificates increase

Troubleshooting issues is challenging



The average Global 5,000 company spends about \$15 million to recover from the loss of business due to a certificate outage¹

¹<http://www.csoonline.com/article/2987186/browser-security/expired-certificates-cost-businesses-15-million-per-outage.html>

Challenges of Existing Solutions

Lack of..

Visibility

Point tools, increasing effort and ownership costs

Scalability

Operational silos

Work in on-premises or cloud-only mode

Require multiple or complex deployments to cover large environments

Maturity

Most solutions are off-the-shelf vulnerability-only or certificate-only "tools"

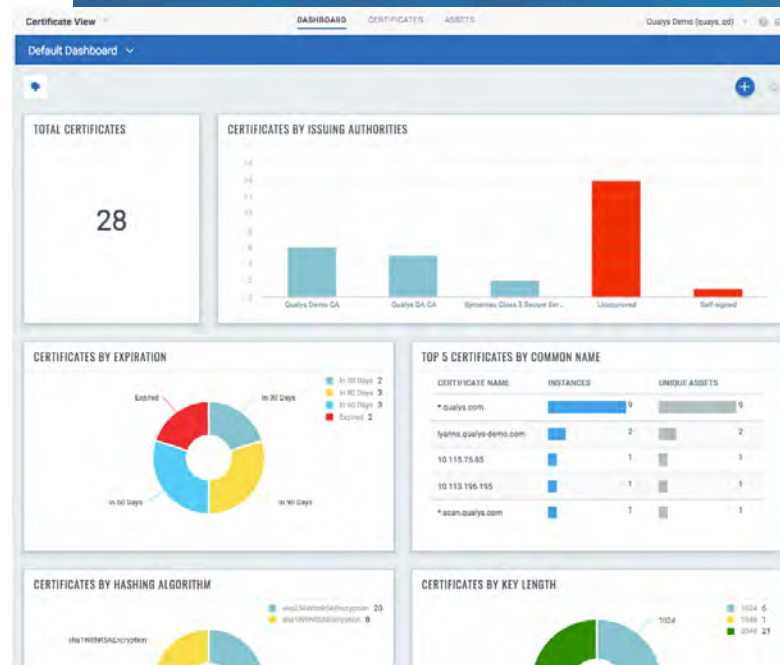
Introducing Qualys CertView

Discover, inventory, monitor certificates

Discover, inventory, monitor host configurations & vulnerabilities

Coverage across both on-premises and cloud environments

Renew certificates from the same platform



Use Cases

Outage Remediation

Stop expired certificates from interrupting business

Certificate Grades

Find out if your TLS configurations are following best practices

Baseline Normal Usage/ Full Visibility

Establish a baseline to be able to detect anomalies

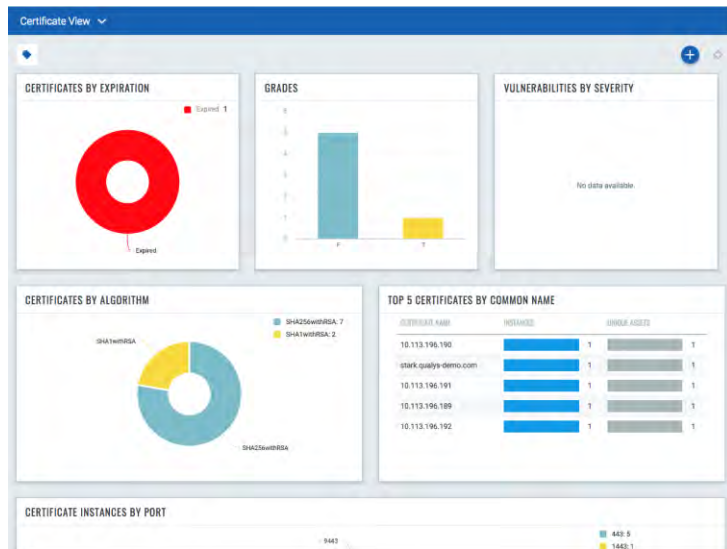
Audits and Compliance

Achieve audit success and fast remediation

Certificate Renewal

Renew expiring certificates

Key Advantages of Qualys CertView



- ✓ **Uses the same Qualys scanners** already deployed for Vulnerability Management or Policy Compliance
- ✓ **Qualys CertView meets much of the common use cases** in version 1.0 – and we're working on closing gaps quickly
- ✓ **Certificate Enrollment/Renewal** Releasing next month
- ✓ **Simplified delivery through Qualys Cloud Platform** – easy for existing VM/PC customers to trial and deploy
- ✓ **Attractive Pricing**

Qualys Cloud Platform

Unified approach to detection, prevention & response across on-premises or cloud assets and endpoints



On Premise

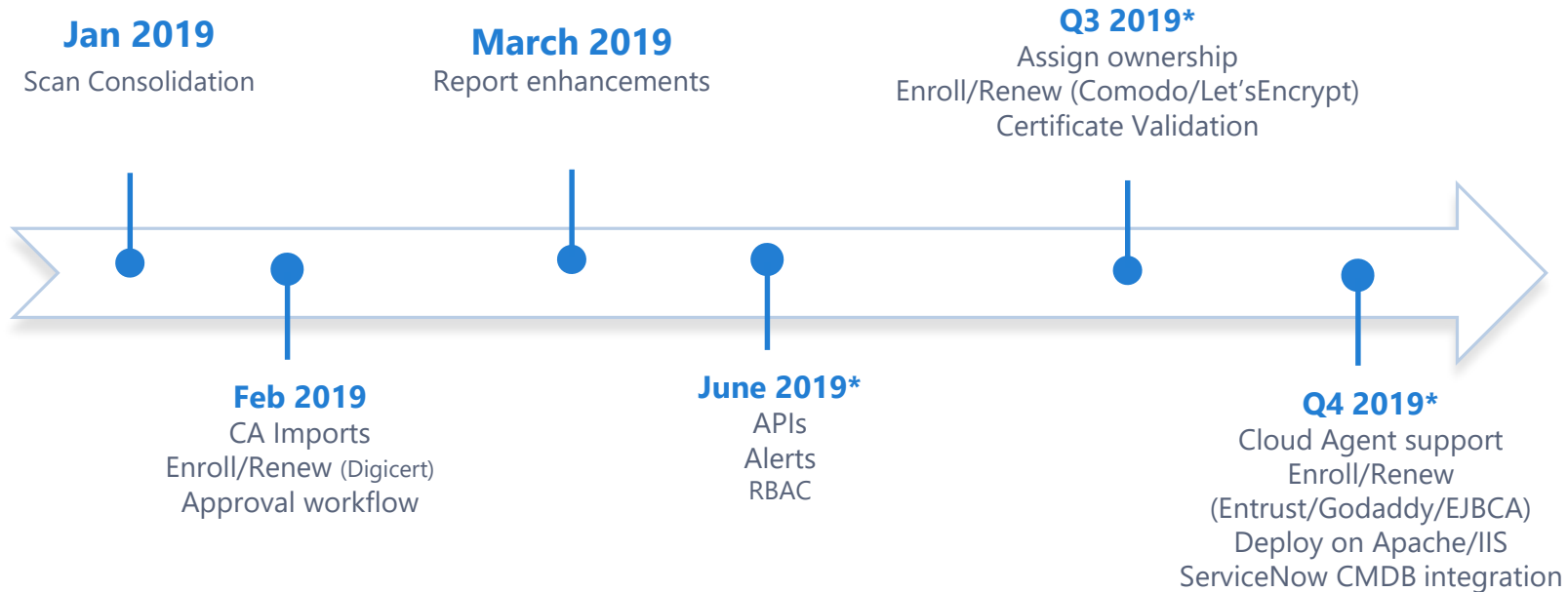


Endpoints



Cloud

CertView Releases and Roadmap



* Roadmap items are future looking; timing and specifications may change

*CertView is free, it's how you use it
(or not) that will cost you!*

-Anonymous

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Domain Name	Issuer	Expiration	Algorithm	Key Size	Issued Date	Valid To	Days To Expire	Days To Renew
lyanna.qualys-demo.com	Qualys Demo CA Qualys, Inc.	Jul 15, 2017 7 months ago	SHA256withRSA	2048	Mar 27, 2018		1	1
stark.qualys-demo.com	Qualys QA CA Qualys, Inc.	Jul 15, 2018	SHA256withRSA	2048	Mar 27, 2018		1	1
beratheon.qualys-demo.com	Qualys QA CA House Beratheon	Jul 15, 2018	SHA1withRSA	1024	Mar 27, 2018		1	1
khai.qualys-demo.com	COMODO RSA Extended COMODO CA Limited	Oct 14, 2018	SHA256withRSA	2048	Mar 27, 2018		1	1
10.113.196.189	self-signed Qualys Security Te...	May 02, 2027	SHA256withRSA	2048	Mar 6, 2018		1	1
10.113.196.191	self-signed Qualys Security Te...	May 02, 2027	SHA256withRSA	2048	Mar 6, 2018		1	1
10.113.196.190	self-signed Qualys Security Te...	May 02, 2027	SHA1withRSA	2048	Mar 6, 2018		1	1
10.113.196.192	self-signed Qualys Security Te...	May 02, 2027	SHA256withRSA	2048	Mar 6, 2018		1	1
el02-yllab-ld01.nua	el02-yllab-ld01.nua	Jul 02, 2021	SHA256withRSA	2048	Mar 27, 2018		1	1

DEMO

CERT

Certificate View

Q&A

Thank You

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