
Monitoring SSL Certificates With Argent Omega At No Cost

White Paper

ARGENT



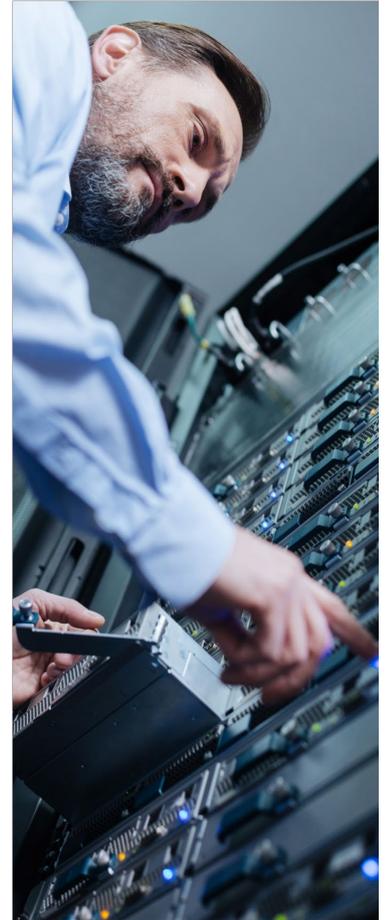
Why Are SSL Certificates So Critical?

SSL certificates are used to verify to users that your website is legitimate.

They also provide encryption of the internet traffic between the user's browser and your website.

When an SSL certificate expires, **all traffic between the user's browser and your website will no longer be encrypted** – sensitive customer data such as credit card and home address information will be exposed in plaintext to hackers.

Hello Class Action lawsuits.



Monitoring expired SSL certificates is an essential but often overlooked job.

An expired SSL certificate needlessly creates panic.

Panic because your critical website is offline.

Needlessly because Argent can stop this at no cost to you.



The web browser will immediately warn any visitor trying to access the website that the site is unsafe and that hackers might be trying to steal their information (See example warning message below from the Google Chrome browser).



Your connection is not private

Attackers might be trying to steal your information from ██████████ (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

💡 To get Chrome's highest level of security, [turn on enhanced protection](#)

Hide advanced

Back to safety

This server could not prove that it is ██████████ its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

Proceed to ██████████ (unsafe)

And...

Using an expired certificate also results in failed audits and regulatory fines.



Why Do SSL Certificates Expire?

The SSL regulatory body for the SSL/TLS industry requires that SSL certificates do not last longer than one year; can be shorter.

This ensure your website's authenticity is validated on a regular basis.

But for IT this is a new nightmare to ensure all your company's SSL certificates are both up-to-date **and will not shortly expire.**

How Argent Can Help

Argent Omega provides an easy way to automate monitoring the validity and expiration dates of all company's SSL certificates.

Argent Omega customers can start monitoring their SSL certificates within minutes using the built-in SSL Certificate monitoring Rules.

All at no cost to you.

The screenshot displays the ARGENT OMEGA (2.2 A - 2304-A) web interface. The left sidebar shows a navigation menu with 'SSL Certificate Rules' expanded, and 'CERT_EXPIRED' selected. The main content area shows the configuration for this rule:

- SSL Mode:** Automatic
- SSL Service:** Node Specific (Default Port: Windows-RDP(3389), Linux/Unix-SSH(22), HTTPS(443))
- Alert If Certificate Has Expired
- Alert If Certificate Will Expire In 30 Days
- Fail Rule If Error Happens When Connecting To Server
- Save Performance Data To The Argent Forecaster Using Data Store: {default}
- Post Event Even If The Same Event Is Still Outstanding (Unanswered)
- Do So Only After 1 Hour 0 Minutes Since Event Is Post
- Ignore The Same Outstanding Event If Alerts Were Fired More Than 1 Hour 0 Minutes Ago
- Post Event Only After Rule Is Broken 2 Or More Times

Reset Counter

- After Event Is Post
- After Event Is Answered
- After The Actual Condition Is Corrected

Application: [Empty field]

Reference URL: {default}

Console Comment: **** EXPIRED CERTIFICATE ****

Description: [Empty field]

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Support@Argent.com

We'll do all the heavy lifting for you.