

SOLUTION BRIEF

Venafi 90-Day TLS Readiness Solution

Make your transition to 90-day TLS certificates fast and easy with the systemic coordination of people, process and technology resources

Automating the lifecycle of TLS certificates is vital for enterprises to efficiently manage and renew certificates, particularly with the transition to the 90-day TLS certificate standard. This automation helps establish a comprehensive certificate inventory, mitigate outage risks, enhance security posture and ensure organizational agility to swiftly adapt to changing needs and future challenges like post-quantum cryptography. By implementing a secure, efficient certificate management process, automation ensures each certificate is accurately tracked and renewed—ultimately preventing certificate-related outages.

While automation is essential to effectively migrate your organization to 90-day TLS certificates, you'll also face heightened complexities in orchestrating technology alongside personnel involved in certificate management. Preparing your organization to successfully implement and organizationally deploy critical 90-day automations requires a detailed plan, visibility to eliminate outages, process and policy reviews, and clear roles and responsibilities.

This multifaceted challenge amplifies with organizational size and involves more than just

90-Day TLS Readiness Solution Key Features

- **90-Day Readiness Assessment.** Initiates the transition to the 90-day standard by identifying critical areas needing attention, ensuring focused and effective readiness efforts
- **90-Day Validated Certificate Discovery.** Uncovers all certificates—especially those not compliant with the new standard—to understand the project's full scope
- **90-Day Enterprise Impact.** Evaluates the potential risks and costs associated with non-compliance, aiding in prioritization and mitigation strategies
- **90-Day Critical Automations.** The critical automations required by your enterprise to ensure a seamless cutover to the 90-day TLS certificate standard
- **90-Day Critical Workflows.** Streamline and enforce critical workflows associated with the management, renewal, and compliance of 90-day TLS certificates
- **90-Day Ready Enterprise Roadmap.** Provides a detailed action plan, ensuring all parts of the organization move in unison towards 90-day TLS certificate readiness
- **90-Day Implementation Guidance.** Delivers expert services to navigate the transition, emphasizing the seamless implementation of necessary automations
- **90-Day Enterprise Readiness Validation.** Validates readiness for the 90-day TLS certificate standard, ensuring all aspects of the transition have been assessed and are compliant
- **90-Day Enterprise Certification.** Demonstrates and provides assurance of the enterprise's 90-day readiness among vendors, partners, and customers
- **90-Day Enterprise Enablement.** Equips teams with the knowledge and skills to navigate the transition to 90-day TLS certificates seamlessly, ensuring readiness and compliance

technical steps—it encompasses the entire Public Key Infrastructure (PKI), including policies, hardware and software. But it also requires participation across an even wider range of teams and certificate owners and consumers. Successfully automating the renewal of TLS certificates before the 90-day standard arrives requires that your organization overcome a series of intricate challenges to ensure seamless, secure certificate management and renewal processes now and well into the future.

Five Critical 90-Day Automations

Recommended automation prioritization*



1. Web servers



2. Load Balancers/ADC



3. Common Key Stores



4. Cloud Services



5. Kubernetes Ingress/Egress

*General recommendation, will vary by individual organization.

Solution overview

Venafi's 90-Day TLS Readiness Solution helps enterprises accelerate their transition to the 90-day TLS certificate standard, merging technology with expert services for a seamless shift. This unique, orchestrated approach ensures alignment across your organization—promoting automation, minimizing disruptions, and enhancing cybersecurity posture in compliance with NIST recommendations. At the core of the solution, Venafi's Control Plane offers visibility to manage 90-day certificates effectively, coupled with the intelligence for ongoing monitoring and policy enforcement. This comprehensive solution not only streamlines certificate renewal processes but also strengthens security posture, ensuring organizations can confidently navigate the complexities of shorter certificate lifespans.

Solution highlights:

Venafi's 90-Day TLS Readiness Solution ensures organizations are fully prepared for the era of 90-day TLS certificate lifecycles. To simplify the transition to 90-day TLS certificates, this comprehensive solution offers:

- **Streamlined Readiness.** Prepare quickly and effortlessly for the 90-Day TLS standard, ensuring your organization is always compliant and secure
- **Custom Tailored Deployment.** Accelerate your project with the simplicity of predesigned professional services packages tailored to enterprise size and needs for streamlined 90-day readiness
- **Automation at Your Fingertips.** Leverage automated management to seamlessly handle renewals, making 90-day compliance straightforward
- **Outage Proofing.** Protect against potential certificate outages with robust monitoring and preemptive solutions
- **Certification with Ease.** Achieve 90-day TLS certification with a 90-Day Ready Enterprise Roadmap, backed by Venafi's expert professional services
- **NIST Compliance:** Adhere to the guidelines set forth by NIST 1800-16 for TLS certificate management, effortlessly positioning your organization for future readiness

Solution benefits:

Venafi's 90-Day TLS Readiness Solution promotes automation, minimizes disruptions, and enhances cybersecurity posture, while ensuring compliance with NIST recommendations. Venafi's solution, including TLS Protect, offers unparalleled visibility and control, facilitating discovery, management and renewal of TLS certificates. Professional services further tailor the transition, aligning organizational processes with security demands—from small to large enterprises—making the 90-day TLS transition not just manageable but a strategic advantage.

- **90-Day Readiness Readiness Assessment.** Initiates the transition by identifying critical areas needing attention, ensuring focused and effective readiness efforts
- **90-Day Certificate Discovery.** Uncovers all certificates, especially those noncompliant with the new standard, to understand the project's full scope

- **90-Day Impact Analysis.** Evaluates the potential risks and costs associated with non-compliance with the 90-day standard, aiding in prioritization and mitigation strategies
- **Action-Ready Enterprise Roadmap.** Provides a detailed action plan, ensuring all parts of the organization move in unison towards 90-day readiness
- **90-Day Critical Automations.** The critical automations required by your enterprise to ensure a seamless cutover to the 90-day TLS certificate standard
- **90-Day Critical Workflows.** Streamline and enforce critical workflows associated with the management, renewal, and compliance of 90-day TLS certificates
- **Implementation Guidance and Enablement.** Offers expert services to navigate the transition, emphasizing the seamless implementation of necessary automations
- **Validation and Certification.** Validates the organization's readiness, offering assurance to stakeholders that the organization is compliant and secure
- **Enhanced Security and Compliance.** Guarantees that the organization meets and exceeds security standards recommended by bodies like NIST
- **Streamlined Certificate Management.** Simplifies the management and renewal of certificates, crucial for maintaining security and minimizing outages in a 90-day certificate lifecycle

Solution components

Products and services work hand in hand to assure that you have the technology and processes you need to successfully transition to 90-day certificates. As part of the Venafi Control Plane, Venafi TLS Protect provides comprehensive visibility and control over TLS certificates to ensure seamless renewal and compliance. The product enhances security posture and supports digital transformation by integrating with various environments, simplifying certificate management and preventing outages. To complement that, Venafi Professional Services further ensures readiness through tailored support across all

enterprise sizes, from foundational setup to advanced automation strategies, aligning processes with security requirements for a smooth transition.

Product: Venafi TLS Protect

As organizations brace for the transition to the 90-day TLS standard, TLS Protect stands out as an essential tool for navigating this change. It offers unmatched visibility and control over TLS certificates across diverse environments and provides a platform for automating the renewal process to avoid costly outages and ensure continuous compliance. This capability is crucial for maintaining the trust and integrity of digital communications in an increasingly stringent cybersecurity landscape. TLS Protect also enables businesses to respond swiftly to emerging threats and adapt to new regulatory demands with ease. Moreover, the integration capabilities of TLS Protect extend its utility beyond mere compliance, facilitating a seamless and secure digital transformation journey for enterprises aiming to stay ahead in a rapidly evolving digital ecosystem.

The discovery capabilities of TLS Protect are pivotal for organizations preparing for the transition to the 90-day TLS standard. By thoroughly mapping out and identifying every TLS certificate across environments, Venafi TLS Protect ensures organizations have a clear inventory ahead of the tighter renewal schedules. This comprehensive visibility is crucial for preventing outages and maintaining continuous compliance under the new standard. As certificates require more frequent updates, Venafi's discovery tool allows businesses to proactively manage their TLS certificates, ensuring a smooth transition to and maintenance of the 90-day lifecycle.

Venafi Professional Services:

To accelerate enterprise 90-day readiness, Venafi Professional Services offers the simplicity of predesigned professional services packages tailored to an enterprise's size and needs.

These packages have been designed to ensure enterprises are prepared for the 90-day TLS certificate transition, and spans from foundational setup to

advanced automation designed to align organizational processes with security demands:

- hands-on guidance for configuring automated certificate installations.
- comprehensive support in configuring and integrating TLS Protect to automatically secure TLS certificates.
- strategic and technical support to prevent outages, align machine identity management with business goals, and maximize the value of the Venafi Control Plane.

Venafi's approach guarantees visibility, intelligence, and automation across the certificate lifecycle, enhancing security posture and ensuring a smooth transition to 90-day TLS standards.

Get 90-Day Ready Now

Preparing now for the 90-day TLS certificate standard is essential to ensure your organization's smooth transition, minimize outages and maintain compliance. Venafi's 90-Day TLS Readiness Solution provides the tools and services needed for this adaptation, offering comprehensive visibility, automation, and professional guidance to navigate the complexities of shorter certificate lifespans efficiently.

[Learn more about Venafi's 90-Day TLS Readiness Solution. Talk to an expert.](#)

Venafi is the cybersecurity market leader in machine identity management, securing the cryptographic keys and digital certificates on which every business and government depends to deliver safe machine-to-machine communication. Organizations use Venafi key and certificate security to protect communications, commerce, critical systems and data, and mobile and user access. **To learn more, visit venafi.com**