

RSI Levels Up Cloud Security with Teleport Infrastructure Identity



About Rush Street Interactive

Founded in 2012, Rush Street Interactive (NYSE: RSI) is a premier online gaming and sports entertainment company. With a mission to create the most fun, friendly, and fair online gaming platform in the Americas, RSI powers engaging, integrated digital casino and sportsbook experiences that ignite the thrill of winning anytime, anywhere.

⚠️ The Challenge: Removing Engineering Friction from Infrastructure Access

To support its vision, RSI's security team is tasked with strengthening infrastructure defenses, improving security visibility, and accelerating incident handling across a complex multi-cloud environment.

Before implementing Teleport, RSI faced significant friction managing infrastructure access across environments. SSH key management and VPN access consumed valuable time, requiring frequent manual intervention and custom tooling to support session recording and maintain firewall rules.

Automation tools like Ansible and Terraform helped, but still left gaps in operational efficiency and security posture. The reliance on inbound SSH access and persistent credentials presented risks the team wanted to eliminate.

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We were spending too much time on trivial work. Managing SSH keys and firewall rules just wasn't scalable. We needed a solution that could handle both human and machine access securely.

Olga Daminova

Infrastructure Security Engineer

⚙️ The Solution: Short-Lived Credentials, SSO, and Reverse Tunnels

Rush Street Interactive selected Teleport for its comprehensive approach to managing infrastructure access. High impact capabilities included:

- Short-lived SSH and Kubernetes privileges for both human and machine identities
- SSO and RBAC support to streamline access management
- Reverse tunnel architecture eliminating inbound connections and associated maintenance of firewall rules
- SOC 2 Type 2 compliance meeting regulatory standards

Initially deployed self-hosted, RSI later migrated to [Teleport Cloud](#).

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The migration to Teleport Cloud was smooth, even though we were navigating a non-ordinary setup during the transition. Teleport's support team was instrumental in supporting our unique needs during the migration.”

Olga Daminova

Infrastructure Security Engineer



Securing Human and Machine Access to EC2 and EKS Clusters

The vast majority of RSI's production workloads run on AWS, specifically on EC2 and EKS. In both environments, users connect through Teleport. RSI also uses machine-to-machine connections between their EC2 and EKS clusters via the Teleport tbot service. Both the Teleport user agent and tbots authenticate using IAM roles, which they really appreciate, as this keeps authentication secure without hard-coded keys by relying on short-lived AWS credentials.

✓ The Results: Less Friction, More Control

Since adopting Teleport, RSI has dramatically improved its security operations and DevOps efficiency:

- Access provisioning is 3x faster during employee onboarding
- Access requests are handled twice as fast compared to previous manual workflows
- SSH ports are eliminated via reverse tunnels, reducing attack surface
- Privileged access is tightly controlled with short-lived credentials that eliminate standing privileges
- Audit logs and session recordings offer full traceability and simplified compliance

Teleport integrates seamlessly with RSI's technology stack, including AWS, GCP, Kubernetes, Linux, Docker, Jenkins, Jira, and Terraform. The team also uses Teleport Machine & Workload Identity to securely authenticate non-human workloads in CI/CD workflows.

What's Next

Rush Street Interactive plans to expand its use of Teleport Machine & Workload Identity to more CI/CD workflows, continuing to tighten the security of automation across environments.

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With Teleport, we were even able to close the Kubernetes API without losing access for our engineers or automation tools. That alone was a huge win.”

Olga Daminova

Infrastructure Security Engineer

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SSO and RBAC support, in combination with Teleport's unified access control, made secure infrastructure access for humans easy. Machine identity is helping us secure automation.

Teleport is simply one of the best privileged access solutions for engineering environments out there.”

Olga Daminova

Infrastructure Security Engineer

Get Started Today!

Try Teleport for free at goteleport.com/signup • Request a call at goteleport.com/signup/enterprise

Teleport – the Infrastructure Identity Company – modernizes identity, access, and policy for infrastructure, to improve engineering velocity and resiliency of critical infrastructure against human factors and/or compromise. For more information, visit goteleport.com or follow [@goteleport](https://twitter.com/goteleport).



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