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As organizations continue to consider migrating data processing and applications to the cloud, many may not be ready to fully transfer their cryptography outside their controlled perimeter, preferring to keep critical HSM estates on-premises. Deploying HSM backups off-site or having alternate on-premises data centers for high assurance failover can be expensive and labor-intensive when considering the cost of hardware, deployment, management, and maintenance.

Organizations needing to increase redundancy and resiliency of on-premises HSM estates can be faced with this challenge as they try to manage the expense of purchasing additional HSM backup units and the cost of deployment, management, and maintenance. A hybrid approach where the failover HSM is enabled through an off-site managed as a service model can offer a convenient and cost-effective alternative that delivers the increased redundancy and resiliency that the organization needs.

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nShield as a Service Cloud Disaster Recovery
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estates to easily increase the redundancy

Entrust nShield as a Service Cloud Disaster Recovery provides the ability to generate, access, and protect your cryptographic keys, while achieving high assurance and data sovereignty within your own Service wherever ar 6SLE

Benefits

nShield as a Service Cloud Disaster Recovery requires no changes to organizations' application environment. Customers only need to initialize their dedicated cloud-

nShield as a Service Cloud Disaster Recovery

Features

High Availability: Delivers 99% SLA across cloud backup deployments to ensure failover capability.

Global Coverage: Deployed in data centers around the globe (AU, EU, UK, US), enabling you to back up operations within your jurisdiction to fulfill data sovereignty requirements.

Certified Security: Uses dedicated FIPS 140-2 Level 3 and Common Criteria EAL4+ certified nShield HSMs.

Cost-Effective: Flexible subscription-based service enables you to replace capital expenditures with operational expenditures and pay as you go.

Trusted Execution: CodeSafe functionality is also available, ensuring critical and sensitive processing can be maintained in the event of a disaster.

The Entrust Difference

Entrust has over 20 years' experience delivering proven HSM technology to the world's most security-conscious organizations. Only Entrust features the nShield Security World key management framework that lets customers build and grow their HSM environment, institute granular controls over access and usage of keys, and deliver scalability. With nShield as a Service Cloud Disaster Recovery, organizations can seamlessly add off-site failover to increase redundancy and resiliency.