HPE TOKENATOR™ FOR HPE NONSTOP

Format preserving tokenization for the HPE NonStop server

HPE Tokenator is an HPE NonStop based tokenization solution, built on intercept technology. This provides the hugely robust, fast to implement, low latency solution that your organization requires.

## REDUCE RISK AND MEET REGULATORY COMPLIANCE STANDARDS

As companies work to meet regulatory requirements to protect Personally Identifiable Information (PII) such as credit card numbers and social security numbers etc., one option to minimize the risk of loss is to replace sensitive data with a non-sensitive replacement value, or "token".

HPE Tokenator protects your sensitive information in compliance with PCI-DSS, HIPPA, GDPR, as well as a whole host of other regulations, thus enabling your organization to quickly pass any audit and reduce the risk of data breaches. All this without the need for your IT department to change your applications, infrastructure, policies or procedures. HPE Tokenator has been written for the NonStop server with focus on the industries and applications that utilize this technology. No external hardware or services are required.

Highlights

- Neutralize data breaches by disguising your sensitive data so that it is indistinguishable, reducing risk and meeting regulatory compliance

- Simple, yet powerful solution specifically for the HPE NonStop. No external hardware or services required

- Format-preserving tokenization for any sensitive data

- Intercept technology means no application or database changes and very fast implementation

- industry standard cryptographic algorithms

- Sensitive data masking

- Minimal latency overhead

Benefits

- Reduce risk: desensitize and disguise your data by rendering it unreadable
- Regulatory compliance: minimize exposure and breeze through audits
- HPE NonStop based solution: no external systems required
- Industry standard strong encryption algorithms
- Rapid deployment with no application or database changes: Intercept technology eases implementation and reduces complexity
- Meet regulatory compliance requirements such as PCI-DSS, GDPR, CCPA, SOX, HIPAA etc.
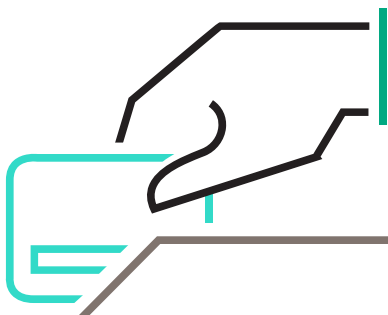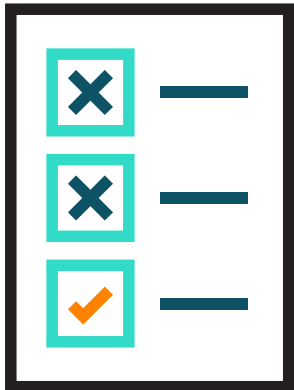
PROTECT ANY DATA TYPE

While most customers deploy HPE Tokenator to encrypt payment card data in their databases, users can define what type of sensitive data they'd like to protect with format-preserved tokens. Other typical examples could include: Social Security Numbers, phone numbers, Passport numbers, healthcare records etc.

• Format-preserving encryption including support for custom/specialized tokenization patterns

• Industry-standard cryptographic algorithm support: AES-256, SHA-256

• Flexible and customizable cryptographic key management

• Sensitive data masking support

SEAMLESS INTEGRATION WITH USER APPLICATIONS

Using proprietary data intercept methodology, HPE Tokenator is quick and easy to implement, with no changes required to your application or database. Sensitive data is intercepted at source and switched with format-preserved tokens, which are then fed to your application and processed as if original sensitive data.

• No user application changes are required

• Integration with user applications is achieved via an intercept library model
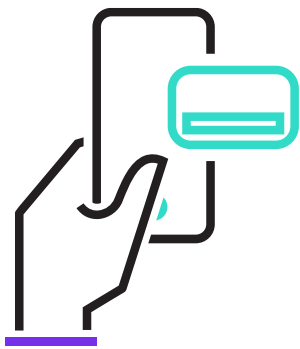
OPTIMIZED FOR MINIMAL LATENCY

HPE Tokenator has been developed with a keen eye on optimizing the performance of the solution at every stage. This ensures:

• Minimal latency for optimal performance

• Local caching within intercept library to prevent unnecessary callouts to token server
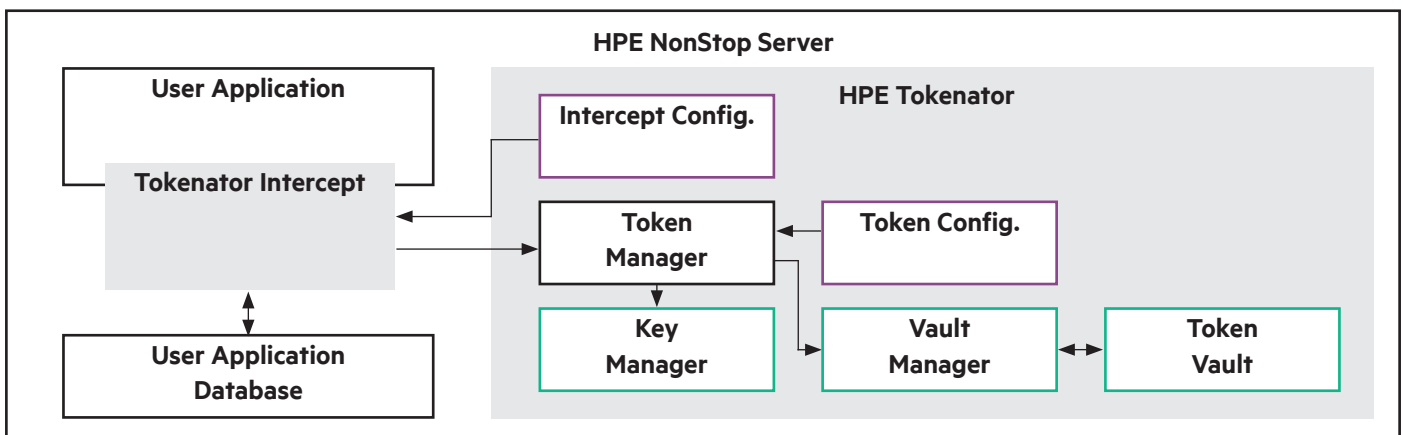

FIGURE 1. HPE Tokenator Simplified Component Architecture Diagram

PRODUCT ID
BE268AV. HPE Tokenator for L Series
QSN62.   HPE Tokenator for J Series

SUMMARY

HPE Tokenator has been designed from the ground up to be a powerful, yet simple to implement Tokenization solution for the HPE NonStop. It combines industry standard strong algorithms and methodologies to allow the highest level of security for your sensitive data. An impressive functionality set coupled with ease of use, make this HPE NonStop platform specific solution a must have.