HashiCorp Updates Vault Enterprise

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HashiCorp releases the Vault Enterprise 0.7-- an update featuring multi datacentre replication, allowing organisations spanning multiple public clouds or private datacentres to centrally manage security policies.

The open source Vault Enterprise is a tool designed to keep secrets running within cloud-based applications, such as passwords, certificates and confidential information, secure. According to the company, the update features a custom replication scheme to ensure system availability is never sacrificed, allowing users to continue using current encryption keys in case of connectivity failure, even if they will not be able to rotate keys.

The system uses a primary/secondary model, with an authoritative primary node. A disconnected branch will be able to use existing secrets (application tokens, passwords and user access) but, since they are not connected to a primary node, cannot modify or create secrets.

Other new features include a UI with a single pane for workflow management for replication, with replication implemented via few clicks. The UI also covers the management of secrets, performance monitoring and hardware integration. And while it might still be at version 0.7, HashiCorp insists Vault is has been backwards compatible since version 0.1, and already provides stability.

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