



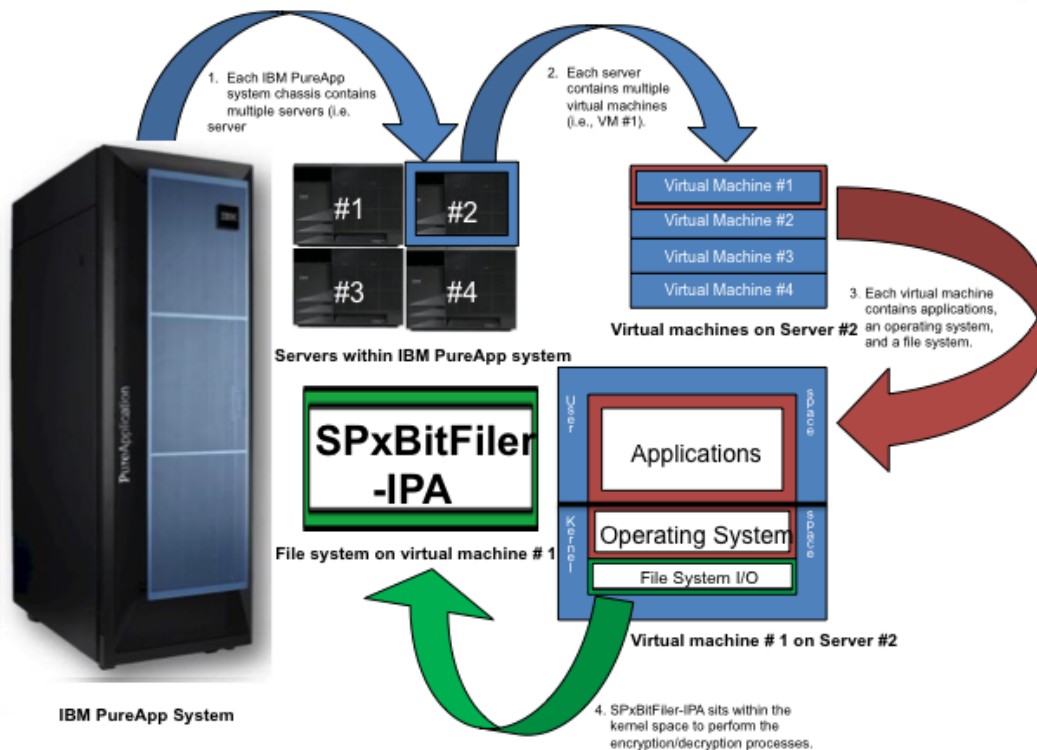
IBM Encryption Pattern for Security First SPxBitFiler-IPA

Description

IBM Encryption Pattern for Security First SPxBitFiler-IPA enables IBM PureApplication System virtual pattern deployers to encrypt on-disk data. It is based on Security First Corp.'s SPxBitFiler-IPA encryption technology. IBM Encryption Pattern for Security First SPxBitFiler-IPA is seamlessly and easily deployed on virtual application patterns and virtual system patterns to support data-at-rest encryption on IBM PureApplication System. IBM Encryption Pattern for Security First for SPxBitFiler-IPA offers data-at-rest protection for enterprise-class storage and cloud computing that is transparent to users, applications, databases and storage systems. This encryption solution is based on a FIPS 140-2 certified cryptographic module.



Location Within IBM PureApps Architecture



“SPxBitFiler-IPA deploys with a just few clicks, is scalable and provably secure.”



IBM Encryption Pattern for Security First SPxBitFiler-IPA

- Encryption for virtual application patterns and virtual system patterns is easily installed and configured with just a few mouse clicks.
- Define directory paths in your environment to be encrypted, identify directory paths to remove from encryption or to prevent from being encrypted all using simple configuration parameters that you specify.
- Change encryption parameters at any time by simply running the customized script packages on demand and specifying new encryption parameters as needed.
- Configure and apply encryption policies to your virtual application patterns, either applied globally to all components in the pattern, or targeted to individual pattern components.
- Installation, configuration and encryption do not require system reboot or software application interruption.
- Granular integration control protects current and future data in targeted directories.
- IBM Encryption Pattern for Security First SPxBitFiler-IPA uses the power of Security First Cryptographic Splitting including AES 256 in a FIPS 140-2 certified cryptographic module that meets HIPAA, HITECH, FISMA compliance requirements for data at rest.
- IBM Encryption Pattern for Security First for SPxBitFiler-IPA uses NIST SP 800-131A allowed algorithms and key strength for all cryptographic functions.
- All Cryptographic Functions use NIST SP 800-131A allowed algorithms and key strength for all cryptographic functions.

For more information, visit: <http://bit.ly/IBM-SPxBitFiler-IPA>

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