

Moving virtual machines images securely between sites.

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A Grid service allows applications to run on many sites without modification. Virtualization provides the potential for deploying the same customized operating system at many sites.

This talk will present one of many possible security infrastructures and models to allow sharing and deployment of virtual machines images that meets the objectives of secure non-repudiation of images, auditing and fault tolerance that has been developed within the HEPiX virtualization working group. The talk focus will be made on the meta data describing the virtual machines, how to share this meta data, how to share the image described and to verify an image and its meta data, presenting packages and deployment, and how to audit the approach.

Summary

Non-repudiation of meta data messages describing images to be deployed with out increasing interdependency.

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