Decru Inc.
AS400 Tape Encryption with Decru DataFort T520H

Testing Template:

This document will be used to describe, from a technical perspective, the elements that were included as part of the IBM TotalStorage Proven testing. It is intended to give an overall picture of the technical elements of the configuration, with a brief description of the results of the testing including any specific highlights of the interoperability results.

High-level architecture/description, include a list of products that meet the compatibility requirements ("Approved Product(s)") as well as a list of the IBM storage products with which the Approved Products meet the compatibility requirements ("Qualified IBM Storage Products"):

Overview:

Decru DataFort secures data in storage networks from unauthorized access by combining robust, wire-speed encryption, authentication and auditing into an easy to deploy appliance. Using Decru DataFort T520H, IBM iSeries (AS400) backup data is transparently encrypted and backed up securely without performance penalty.

Testing Scenario:

Using Decru DataFort T520H and IBM BRMS, backup IBM iSeries i570 data to IBM Tape Library 3584 with encrypted form and restore them with cleartext.
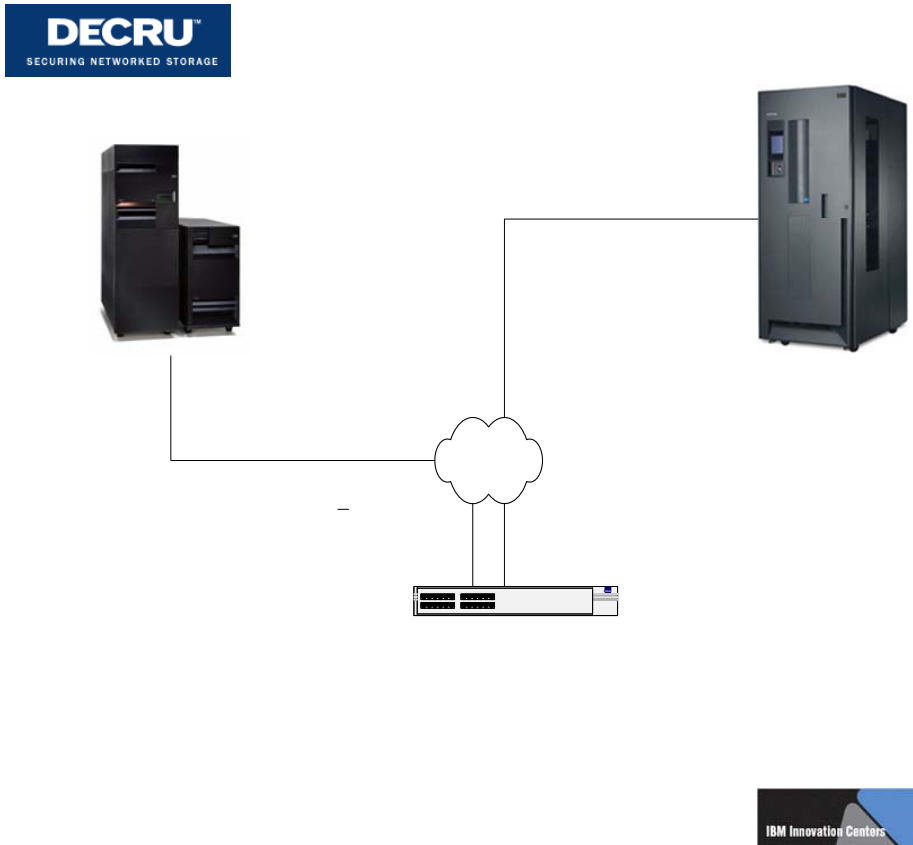
Test Date and Location:

     Test Date: May 31, 2005
     Test Location: San Mateo, USA

Test environment:

     Hardware:
        1. Server: iSeries i570 Cumulative PTF: 5032530 Quantity: 1
        2. Host Bus Adapter vendor model: iSeries Option 5702
        3. OS Version: OS400 /V5.3

     Storage Product Used:
        1. Vendor: IBM
        2. Model Name and Number: Tape Library 3584
        3. Version: D52

    4. Number of Drives: 2
    5. Drive Type: Ultrium 2
    6. Capacity: 200GB
    7. Microcode Level: 47Q0

Switch:
    1. Vendor: IBM
    2. Model Name and Number: 2109FXX

Middleware Used:
    1. Vendor Name: IBM
    2. Middleware Name: BRMS

Test Results Summary:

The test verified that data on IBM iSeries i570 servers can be successfully backed up on IBM Tape Library 3584 in encrypted form using BRMS backup and Decru DataFort T520H. The encrypted backup data can also be transparently restored to the iSeries i570 server in decrypted format, through Decru DataFort T520H.

Support contacts:

Decru, Inc.
275 Shoreline Drive, Suite 450
Redwood City, CA 94065
(ph) 650-413-6700 (fax) 650-413-6790

Technical Support
Within USA: 1-877-DecruTS (1-877-332-7887)
Outside USA: (650) 587-3515
Please write to support@decru.com.