IBM Certified Secure Data Overwrite Service

Confidently repurpose or dispose of your storage arrays

Keep sensitive data out of the wrong hands
Do you have sensitive data on soon to be discontinued or repurposed IBM storage units? Are you facing legal and liability issues that demand a certifiable process for storage sanitization? Rest assured, the IBM Certified Secure Data Overwrite Service is the solution for you.

With our services, be confident your storage media is securely overwritten to meet security, audit and disposal requirements. And on the budget side, generate revenue with the sale of clean depreciated capital systems or avoid penalties by returning leased systems on time.

Offering description and value
This service enables the decommissioning or repurposing of storage systems by overwriting any data that may remain on the data disk drives. The process is compliant with the three-pass sanitation procedure of the U.S. Department of Defense (DoD) and provides documentation certifying data has been securely overwritten. Eligible products include the IBM® System Storage® DS8000®, IBM Enterprise Storage Server® (ESS) 800, IBM DS4000® and DS5000 midrange storage systems, IBM XIV® storage system and TotalStorage Virtual Tape Server (VTS) Models B10 or B20. Key benefits include:

- Allows units used for storage of sensitive data to be repurposed or safely discontinued.
- Provides a disposition solution for clients wanting to upgrade to new storage technology.
- Addresses regulatory, legal and potential liability issues that demand a certifiable process for storage sanitization.
- Reduces the business and security risk of compromised data.

Highlights
- Repurpose or safely discontinue specified IBM arrays used for storage of sensitive data
- Overwrite drives to U.S. DoD 5220-22-M three-pass standards (additional passes are optionally available)
- Address regulatory, legal and potential liability issues that demand a certifiable process for storage sanitization
Sample output

<table>
<thead>
<tr>
<th>Disk Drive Name</th>
<th>Disk Drive Serial # (electronic)</th>
<th>DDM Serial # (visible)</th>
<th>Overwrite Status</th>
<th>Sector Defects Before Process</th>
<th>Sector Defects After Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pdisk0</td>
<td>PVZ0T098</td>
<td>AA72DFE3</td>
<td>Successful</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pdisk1</td>
<td>PVZ0R188</td>
<td>AA72E58E</td>
<td>Successful</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pdisk2</td>
<td>3KQ2B86M</td>
<td>7A0D3529</td>
<td>Successful</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pdisk3</td>
<td>PVZ15504</td>
<td>AA739730</td>
<td>Successful</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pdisk4</td>
<td>3KQ1PF9S</td>
<td>A446E04D</td>
<td>Successful</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

*Sample output presented as an illustration of previous results that may have been achieved with this IBM service. Actual costs and financial benefits may vary by customer.

Typical project tasks

- Drives overwritten to U.S. DoD 5220-22-M three-pass standards (additional passes are optionally available).
- To speed the process, drives are overwritten in parallel using resources of the storage system.
- No need to ship drives containing sensitive data off-site. Service is performed at the client location.
- The process overwrites drives and portions of drives not visible to external servers but that may still contain traces of data.
- Final report certifies by drive serial number full results of the overwrite operations.

For more information

To learn more about the IBM Certified Secure Data Overwrite Service or other related products and services, contact stgls@us.ibm.com or visit:

ibm.com/systems/services/labservices

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