

[MS-BKRP]: BackupKey Remote Protocol

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Errata are subject to the same terms as the Open Specifications documentation referenced.

Errata below are for Protocol Document Version [V24.0 - 2021/06/25](#).

Errata Published*	Description
2022/01/11	<p>In Section 3.2.4.1 Performing Client-Side Wrapping of Secrets, Product Behavior Note<18></p> <p>Description: Revised to disable the data protection API master key backup fallback by default, as the use of the RC4 algorithm to back up the data protection API master key is no longer available by default.</p> <p>Changed from:</p> <p>Windows XP operating system and later and Windows Server 2003 operating system and later fall back to server-side wrapping using BACKUPKEY_BACKUP_GUID when they fail to retrieve the server's public key using BACKUPKEY_RETRIEVE_BACKUP_KEY_GUID.</p> <p>In addition, as noted earlier, Windows clients always retry failing operations once. The resulting process is as follows: The client first tries the BACKUPKEY_RETRIEVE_BACKUP_KEY_GUID operation and, if it fails, performs DC rediscovery and retries the same operation. If the retry fails, the client tries a BACKUPKEY_BACKUP_GUID operation. If this fails, the client performs DC rediscovery again and retries the BACKUPKEY_BACKUP_GUID operation. If this also fails, an error is returned to the caller.</p> <p>Changed to:</p> <p>The process of falling back to server-side wrapping using the BACKUPKEY_BACKUP_GUID when retrieval of the server's public key fails using the BACKUPKEY_RETRIEVE_BACKUP_KEY_GUID is no longer available by default for the operating systems specified in [MSFT-CVE-2022-21925]. However, the fall back can be enabled by adding a registry key designed for this purpose.</p> <p>In addition, as noted earlier, Windows clients always retry failing operations once. The resulting process is as follows: The client first tries the BACKUPKEY_RETRIEVE_BACKUP_KEY_GUID operation, and if it fails, the client performs DC rediscovery and retries the same operation. If the retry fails, the client tries a BACKUPKEY_BACKUP_GUID operation. If this fails, the client performs DC rediscovery again and retries the BACKUPKEY_BACKUP_GUID operation. If this also fails, an error is returned to the caller.</p>