



## HP Data Protector 8.00 3PAR Support Matrix

Version: 2.1

Date: April 2014

Data Protector Volume Shadow Copy Service (VSS) integration agent provides support for backup of data available in HP 3PAR Storage systems. Instant Recovery for the backups taken through Data Protector VSS integration agent is supported by using Data Protector SMIS agent.

Please refer to HP Data Protector 8.00 VSS Integration Support Matrix for the supported Windows Server versions and the required Windows Server Service Packs (SPs), Hot Fixes for different Windows Server versions and supported VSS Writers

For the list of supported HP 3PAR Storage Systems, please, refer to the HP 3PAR support matrix.

| HP 3PAR Storage Systems and VSS integration <sup>4</sup> |                                  |                                  |                                     |                     |
|--|----------------------------------|----------------------------------|-------------------------------------|---------------------|
| InForm OS versions                                       | VSS Provider <sup>2</sup>        |                                  |                                     |                     |
|  | Windows Server 2003 <sup>1</sup> | Windows Server 2008 <sup>3</sup> | Windows Server 2008 R2 <sup>3</sup> | Windows Server 2012 |
|  | 1.6.2                            | 1.6.2, 2.1.0, 2.2.0              | 1.6.2, 2.1.0, 2.2.0                 | 2.2.0               |
| 2.3.1  | Supported                        | Supported                        | Supported                           | Supported           |
| 3.1.1  | Supported                        | Supported                        | Supported                           | Supported           |
| 3.1.2  | Supported                        | Supported                        | Supported                           | Supported           |

<sup>1</sup> Only ZDB to tape is supported.

<sup>2</sup> For VSS Provider compatibility please refer to the 3PAR compatibility support matrix. In particular VSS Provider version 1.6.2.3 is supported only with HP 3PAR InForm firmware version 2.3.1.

<sup>3</sup> The important limitations when using IR are listed below.

- i) Only HP 3PAR disk backups created by the Data Protector VSS integration can be used for instant recovery.
- ii) Only HP 3PAR disk backups created with Data Protector Version 7.00 and newer can be used for instant recovery.

<sup>4</sup> The HP Data Protector 8.00 Integration Guide for Microsoft Volume Shadow Copy Service has full list of limitations for IR HP 3PAR Volumes connected by iSCSI are NOT supported.

| HP 3PAR Storage Systems and SMIS integration |                        |               |                |                   |
|--|------------------------|---------------|----------------|-------------------|
| InForm OS                                    | Operating System       |               |                |                   |
|  | HPUX IA                | HPUX PARISC   | Windows Server | Linux             |
|  | 11.31                  | 11.31         | 2008 R2, 2012  | SLES 11, RHEL 6.3 |
| 2.3.1  | not-supported          | not-supported | not-supported  | not-supported     |
| 3.1.1  | not-supported          | not-supported | not-supported  | not-supported     |
| 3.1.2 <sup>2</sup>                           | supported <sup>1</sup> | not-supported | not-supported  | not-supported     |

<sup>1</sup> Instant Recovery is not supported.

<sup>2</sup> 3.1.2 Version supported only if upgraded from older version.

| Supported volume managers |                |               |               |               |                            |
|---------------------------|----------------|---------------|---------------|---------------|----------------------------|
| Operating system          | Volume manager |               |               |               |                            |
|                           | LVM            | LVM 2         | LVM 2.1       | VxVM          | Disk manager               |
| HP-UX                     | supported      | supported     | supported     | supported     | n/a                        |
| Sun Solaris               | n/a            | n/a           | n/a           | not-supported | n/a                        |
| Windows                   | n/a            | n/a           | n/a           | not supported | not-supported <sup>1</sup> |
| Linux                     | not-supported  | not-supported | not supported | not supported | n/a                        |

| Supported configurations – HP-UX on PA-RISC      |                        |                      |               |
|--|------------------------|----------------------|---------------|
| Integration on HP-UX, 11.31 <sup>1</sup>         | Single-host Local Copy | Dual-host Local Copy | Remote Copy   |
| Raw disk   | not-supported          | not-supported        | not supported |
| Raw logical volume                               | not-supported          | not-supported        | not supported |
| File system <sup>5</sup>                         | not-supported          | not-supported        | not supported |
| Oracle 11g RMAN offline or online <sup>2,3</sup> | not-supported          | not-supported        | not supported |
| SAP BR*Tools 7.2 offline or online <sup>4</sup>  | not supported          | not-supported        | not supported |

<sup>1</sup> For HP-UX 11.31, new device special files (DSF) are supported for LVM only.

<sup>2</sup> Oracle ASM is not supported.

<sup>3</sup> Oracle 11g includes all released versions of 11g and 11gR2

<sup>4</sup> The integration is implemented using "backint" functionality.

<sup>5</sup> HFS is not supported.

| Supported configurations – HP-UX on Itanium      |                        |                      |               |
|--|------------------------|----------------------|---------------|
| Integration on HP-UX 11.31 <sup>1</sup>          | Single-host Local Copy | Dual-host Local Copy | Remote Copy   |
| Raw disk   | ZDB                    | ZDB                  | not supported |
| Raw logical volume                               | ZDB                    | ZDB                  | not supported |
| File system <sup>5</sup>                         | ZDB                    | ZDB                  | not supported |
| Oracle 11g RMAN offline or online <sup>2,3</sup> | ZDB                    | ZDB                  | not supported |
| SAP BR*Tools 7.2 offline or online <sup>4</sup>  | not supported          | ZDB                  | not supported |

<sup>1</sup> For HP-UX 11.31, new device special files (DSF) are supported for LVM only.

<sup>2</sup> Oracle ASM is not supported.

<sup>3</sup> Oracle 11g includes all released versions of 11g and 11gR2

<sup>4</sup> The integration is implemented using "backint" functionality.

<sup>5</sup> HFS is not supported

| Supported HP 3PAR Recovery Manager                  |
|---|
| 3PAR Recovery Manager for Microsoft Exchange Server |
| 3PAR Recovery Manager for Microsoft SQL Server      |
| 3PAR Recovery Manager for Oracle                    |

Data Protector supports HP 3PAR Recovery Manager for Microsoft SQL Server and Microsoft Exchange. Please refer to the [HP 3PAR Recovery Manager link](#) for the versions of the supported Applications' versions and the supported Operating Systems versions.