

Vormetric Transparent Encryption Agent Compatibility Matrix for UNIX

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Vormetric Data Security Agent for UNIX

Interoperability

Table 1: UNIX Interoperability with IBM Infosphere Guardium and Imperva Securesphere

Product	Version	OS	Notes
IBM Infosphere Guardium	v8.0, v9.0, v10.1 (5.2.5.29 and later release)	AIX, HPUX, Solaris	Compatible
Imperva Securesphere	v9.0, v9.5, v11.5 (VTE 5.2.4.37 and later release), v12 (VTE 5.2.6 - AIX only)	AIX, HPUX, Solaris	Compatible

UNIX Agent Raw Device Support Matrix

The maximum number of logical volumes supported is 6000.

AIX 7.1/7.2 Raw Device Support

Table 2: AIX 7.1 (Power 6, 7, 8a, 9a) TL1 SP1-SP8, TL2 SP1-SP7, TL3 SP1-SP7, TL4 SP0-SP8, TL5 SP0-SP6^c

AIX 7.2 (Power 7, 8b, 9b) TL0 SP0-SP2, TL1 SP1-SP2, TL2 SP0-SP4, TL3 SP1-SP3, TL4 SP0-SP2^d

Database			
Oracle 11gR1/R2 12cR1/12cR2/18c/19c	DB2 9.7 10.1/10.5/11.1/11.5	Informix 11.5/11.7/12.1	Sybase ASE 15
RAW	RAW	RAW	RAW
Native LVM	Native LVM	Native LVM	Native LVM
ASM			
VxVM V6	VxVM V6		VxVM V6

a. Hardware crypto is only supported with AIX 7.1 TL4 SP2 or later build

b. Hardware crypto is only supported with AIX 7.2 TL0 SP2 or later build

c. AIX 7.1 TL5 SP6 is qualified with VTE 5.3.0.30

d. AIX 7.2 TL4 SP2 is qualified with VTE 5.3.0.30 with CBC (CBC-CS1 is not yet supported with this TL level)

AIX 6.1 Raw Device Support (Not supported from VTE 5.3.0 onward)

Table 3: AIX 6.1 (Power 5, 6, 7) TL6 SP1-SP12 | TL7 SP1-SP6 | TL8 SP1-SP7 | TL9 SP1-SP12

Database			
Oracle 10gR2 1 1gR1/11gR2/12cR1/12cR2	DB2 9.7 10.1/105 11.1	Informix 11.5/11.7 12.1	Sybase ASE 15
RAW	RAW	RAW	RAW
Native LVM	Native LVM	Native LVM	Native LVM
ASM			
VxVM V5/V6	VxVM V5/V6		VxVM V5/V6

HPUX 11iv2 Raw Device Support

Table 4: HPUX 11iv2 (PA and Itanium)

Database			
Oracle 10gR2/ 11gR1	DB2 9.5/9.7	Informix 11.5	Sybase ASE 15
RAW ¹	RAW	RAW	RAW
Native LVM	Native LVM	Native LVM	Native LVM
ASM			
VxVM V5/CVM V5 ^a	VxVM V5		VxVM V5

1. IA for Oracle 10gR2 only

HPUX 11iv3 Raw Device Support

Table 5: HPUX 11iv3 (Itanium only)

Database			
Oracle 10gR2 11gR1/11gR2/12c	DB2 9.7/10.1/10.5	Informix 11.5/11.7 12.1	Sybase ASE 15
RAW	RAW	RAW	RAW
Native LVM	Native LVM	Native LVM	Native LVM
ASM			
VxVM V5/V6	VxVM V5/V6		VxVM V5/V6
CVM V5.1			

Solaris 10 Raw Device Support

Table 6: Solaris 10 U7-U11 (Sparc)

Database			
Oracle 10gR2/ 11gR1/11gR2 12c	DB2 9.7/10.1/10.5	Informix 11.5/11.7/12.1	Sybase ASE 15
RAW	RAW	RAW	RAW
ASM			
VxVM V5/V6	VxVM V5/V6	VxVM V5/V6	VxVM V5/V6

Solaris 11.1 Raw Device Support

Table 7: Solaris 11 U1-U21 (SPARC)

Database			
Oracle 11gR2 12c	DB2 10.1/10.5	Informix 11.7/12.1	Sybase ASE 15
RAW	RAW	RAW	RAW
ASM			

Database			
VxVM V6	VxVM V6	VxVM V6	

Solaris 11.2 Raw Device Support

Table 8: Solaris 11 U2 | U10 | U14 | U15 (SPARC)

Database			
Oracle 11gR2 12c	DB2 10.1/105	Informix 11.7/12.1	Sybase ASE 15
RAW	RAW	RAW	RAW
ASM			
VxVM V6	VxVM V6	VxVM V6	

Solaris 11.3 Raw Device Support

Table 9: Solaris 11 SRU8 | U10 | U 11 (SPARC)

Database			
Oracle 11gR2 12c	DB2 10.1/105	Informix 11.7/12.1	Sybase ASE 15
RAW	RAW	RAW	RAW
ASM			
VxVM V6	VxVM V6	VxVM V6	

UNIX File System Support Matrix

AIX 7.1/7.2 File System Support

Table 10: AIX 7.1 (Power 6, 7, 8^a, 9^a) | TL1 SP1-SP8 | TL2 SP1-SP7 | TL3 SP1-SP7 | TL4 SP0-S8 | TL5 SP0-SP6^c

AIX 7.2 (Power 7, 8^b, 9^b) | TL0 SP0-SP2 | TL1 SP1-SP2 | TL2 SP0-SP4 | TL3 SP1-SP3 | TL4 SP0-SP2^d

File System		Database		
Unstructured data	Oracle 11gR1 11gR2/12cR1/12cR2/18c/19c	DB2 9.7/10.1/10.5/11.1/11.5	Informix 11.5/11.7/12.1	MySQL 5.5/5.6
JFS	JFS	JFS	JFS	JFS
JFS2	JFS2	JFS2	JFS2	JFS2
VxFS V6/V7	VxFS V6/V7	VxFS V6/V7		
NFS V4/V3	NFS V4/V3	NFS V4/V3		

a. Hardware crypto is only supported with AIX 7.1 TL4 SP2 or later build

b. Hardware crypto is only supported with AIX 7.2 TL0 SP2 or later build

c. AIX 7.1 TL5 SP6 is qualified with VTE 5.3.0.30

d. AIX 7.2 TL4 SP2 is qualified with VTE 5.3.0.30 with CBC(CBC-CS1 is not yet supported with this TL level)

AIX 6.1 File System Support (Not supported from VTE 5.3.0 onward)

Table 11: AIX 6.1 (Power 5, 6, 7) TL6 SP1-SP12 | TL7 SP1-SP6 | TL8 SP1-SP7 | TL9 SP1-SP12

File System		Database		
Unstructured Data	Oracle 10gR2/11gR1/11gR2/12cR1/12cR2	DB2 9.7/10.1/10.5/11.1	Informix 11.5/11.7/12.1	MySQL 5.5/5.6
JFS	JFS	JFS	JFS	JFS
JFS2	JFS2	JFS2	JFS2	JFS2
VxFS V5/V6	VxFS V5/V6	VxFS V5/V6		
NFS V4/V3	NFS V4/V3	NFS V4/V3		

HPUX 11iv2 File System Support

Table 12: HPUX 11iv2 (PA and Itanium)

File System	Database		
Unstructured data	Oracle 10gR2 / 11gR1	DB2 9.5/9.7	Informix 11.5
JFS	JFS	JFS	JFS
VxFS 5	VxFS 5	VxFS 5	
NFS V3	NFS V3	NFS V3	
	VxCFS V5.0 ^a		

a. Supports only VxCFS5.0 with Oracle 10gR2

HPUX 11iv3 File System Support

Table 13: HPUX 11iv3 (Itanium only)

File System	Database			
Unstructured data	Oracle 10gR2 11gR1/11gR2/12c	DB2 9.7 10.1/10.5	Informix 11.5/11.7/12.1	MySQL 5.5/5.6
JFS	JFS	JFS	JFS	JFS
VxFS V5/V6	VxFS V5/V6	VxFS V5/V6		
NFS V3	NFS V3	NFS V3		

Solaris 10 File System Support

Table 14: Solaris 10 U7-U11¹ (Sparc)

File System	Database			
Unstructured Data	Oracle 10gR2 11gR1/11gR2/12c	DB2 9.7/10.1/10.5	Informix 11.5/11.7/12.1	MySQL 5.5 / 5.6
UFS	UFS	UFS	UFS	UFS
ZFS ²	ZFS ²	ZFS ²		

File System		Database		
VxFS V5/V6	VxFS V5/V6	VxFS V5/V6		
NFS V4/V3	NFS V4/V3	NFS V4/V3		

- 1: Oracle uses a different naming convention for Solaris patch releases.
- 2: Vormetric offers limited support for ZFS.

Solaris 11.1 File System Support

Table 15: Solaris 11 U1-U21 (SPARC)¹

File System		Database		
Unstructured Data	Oracle 11gR2 / 12C	DB2 9.7/10.1/105	Informix 11.7 / 12.1	MySQL 5.5 / 5.6
ZFS	ZFS	ZFS	ZFS	ZFS
VxFS V6	VxFS V6			
NFS V4/V3	NFS V4/V3			

1. Oracle uses a different naming convention for Solaris patch releases.

Solaris 11.2 File System Support

Table 16: Solaris 11 U2 | U10 | U14 | U15 (SPARC)¹

File System		Database		
Unstructured Data	Oracle 11gR2 / 12C	DB2 9.7/10.1/105	Informix 11.7 / 12.1	MySQL 5.5 / 5.6
ZFS	ZFS	ZFS	ZFS	ZFS
VxFS V6	VxFS V6			
NFS V4/V3	NFS V4/V3			

1. Oracle uses a different naming convention for Solaris patch releases.

Solaris 11.3 File System Support

Table 17: Solaris 11 SRU 8 | U10 | U11 (SPARC)¹

File System		Database		
Unstructured Data	Oracle 11gR2 /12C	DB2 9.7/10.1/105	Informix 11.7 / 12.1	MySQL 5.5 / 5.6
ZFS	ZFS	ZFS	ZFS	ZFS
VxFS V6	VxFS V6			
NFS V4/V3	NFS V4/V3			

1. Oracle uses a different naming convention for Solaris patch releases.

Table 18: Solaris Patches Supported (by Version)

Solaris 10	Solaris 11.1	Solaris 11.2	Solaris 11.3
SPARC (2014.01.29) SPARC (2014.11.03)	0.175.1.13.0.6.2 11.1 SRU15.4 0.175.1.15.0.4.2 0.175.1.21.0.4.1	0.175.2.0.0.42.2 11.2.10.5.0 (VTE 5.2.3.64) 11.2.14.0.5.0 (VTE 5.2.3.64) 11.2.15.0.5.1 (VTE 5.2.3.64)	SRU 11.3.8.0.7 (0.5.11-0.175.3.8.0.7.0) (VTE 5.2.4.72) SRU 11.3.10.0.7 (0.5.11-0.175.3.10.0.7.0) (VTE 5.2.5.41) SRU 11.3.11.0.6 (0.5.11-0.175.3.11.0.6.0) (VTE 5.2.5.41)

GPFS File System Support (Not supported from VTE 5.3.0 onward)

GPFS on AIX 6.1, 7.1, and 7.2 (Power 8 is supported with VTE agent 5.2.5)

Table 19: GPFS on AIX 6.1 TL6-TL9/ 7.1 TL1-TL4 /7.2 TL0

Product Components	Oracle RAC 11gR2/12cR2 GPFS	DB2 v9.7 & v10.x	DB2 v10.1.0.2 pureScale	DB2 v10.5.0.7 pureScale	DB2 V11.1.0.0 pureScale
GPFS 3.x	3.4.0.14 or higher/ 3.5.0.22 or higher	3.4.0.14 or higher/ 3.5.0.22 or higher	3.5.0.19	3.5.0.24	N/A
GPFS 4.x	4.2.2.1 or higher	4.2.2.1 or higher	N/A	N/A	4.1.1.4
DSM	v5.1 or higher	v5.1 or higher	v5.1 or higher	v5.1 or higher	V6.0 or higher
Vormetric Agent	v5.1.1, v5.2.5	v5.1.1, v5.2.5	v5.1.1	v5.2.5	V5.2.6

DSM and VTE Agent Software Version Compatibility

The following table shows the compatibility between the DSM and the VTE UNIX agent.

Table 20: DSM vs UNIX VTE agent version support table

DSM SW Version	Agent SW Version					
	5.2.3	5.2.4	5.2.5	5.2.6	5.2.7	5.3.0
5.2.3	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
5.3.0	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
5.3.1	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.0	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.0.1	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.0.2	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.0.3	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.1.0	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.2.0	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.3.0	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.4.0	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.4.1	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
6.4.2	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible

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