

## Big Replicate Support Matrix

### Legend

- 1 a/a HDFS/HCFS - This is active/active and repair-based passive replication at the HDFS/HCFS API level
- 2 a/a Hive - This is active/active replication of Hive metadata with the Live Hive plugin
- 3 a/p This is active/passive and repair based passive replication at HDFS/HCFS API level to Object Stores
- 4 a/a Security policies - This is active/active replication of security policies (not cross-distribution)
- 5 Point-in-time backup functionality - scheduled backup via HDFS snapshots

		IBM Big Replicate Versions											
		Big Replicate 2.12	Hive 2.0	Security 2.0	Big Replicate 2.12.1	Security 2.0.1	Big Replicate 2.12.2	Hive 2.0.1	Security 2.0.1.1	Backup 2.0	Hive 2.0.2	Big Replicate 2.12.4	Big Replicate 2.13
<b>IBM BigInsights</b>	IOP 4.1, 4.2, 4.2.5	1			1		1					1	
<b>Hortonworks</b>	HDP 2.3, 2.4, 2.5	1			1		1			5		1	
	HDP 2.6.2, 2.6.3	1	2		1		1	2		5	2	1	
	HDP 2.6.4	1	2	4	1	4	1	2	4	5	2	1	
	HDP 2.6.5						1	2	4	5	2	1	
	HDP 3.0, 3.1												1
<b>Cloudera</b>	CDH 5.5, 5.6, 5.7, 5.8	1			1		1			5		1	
	CDH 5.9, 5.10, 5.11	1		4	1	4	1		4	5		1	
	CDH 5.12	1	2	4	1	4	1	2	4	5	2	1	
	CDH 5.13	1	2	4	1	4	1	2	4	5	2	1	1
	CDH 5.14	1	2	4	1	4	1	2	4	5	2	1	
	CDH 5.15						1	2		5	2	1	
	CDH 5.16											1	
<b>Other</b>	Amazon EMR	1			1		1					1	
	Google Data Proc	1			1		1					1	
	Oracle BDA	1			1		1					1	
<b>Object Storage</b>	S3 Compatible, IBM COS	3			3		3					3	
	MS Azure Blob Storage	3			3		3					3	

WANdisco release version:

<i>Fusion 2.12</i>	<i>Live Hive 2.0 (Requires BR 2.12+)</i>	<i>Live Ranger 2.0, Sentry 2.0 (Requires BR 2.12+)</i>	<i>Fusion 2.12.1</i>	<i>Live Ranger 2.1, Sentry 2.0 (Requires BR 2.12+)</i>	<i>Fusion 2.12.2</i>	<i>Live Hive 2.1 (Requires BR 2.12+)</i>	<i>Live Ranger 2.1.2, Sentry 2.1.1 (Requires BR 2.12+)</i>	<i>Backup 2.0 (Requires BR 2.12.2)</i>	<i>Live Hive 2.2 (Requires BR 2.12+)</i>	<i>Fusion 2.12.4</i>	<i>Fusion 2.13</i>
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- 3 a/p This is active/passive and repair based passive replication at HDFS/HCFS API level to Object Stores
- 4 a/a Security policies - This is active/active replication of security policies (not cross-distribution)

		IBM Big Replicate Versions														
		Big Replicate 2.1	Big Replicate 2.1.1	Big Replicate 2.1.1.1	Big Replicate 2.1.2	Big Replicate 2.1.2.1	Big Replicate 2.1.2.2	Big Replicate 2.12	Hive 2.0	Security 2.0	Big Replicate 2.12.1	Security 2.0.1	Big Replicate 2.12.2	Hive 2.0.1	Security 2.0.1.1	Backup 2.0
<b>IBM BigInsights</b>	IOP 4.1	1	1	1	1	1	1	1			1		1			
	IOP 4.2	1	1	1	1	1	1	1			1		1			
	IOP 4.2.5	1	1	1	1	1	1	1			1		1			
<b>Hortonworks</b>	HDP 2.3	1	1	1	1	1	1	1			1		1			x
	HDP 2.4	1	1	1	1	1	1	1			1		1			x
	HDP 2.5	1	1	1	1	1	1	1			1		1			x
	HDP 2.6.2	1	1	1	1	1	1	1	2		1		1	2		x
	HDP 2.6.3				1	1	1	1	2		1		1	2		x
	HDP 2.6.4					1	1	1	2	4	1	4	1	2	4	x
	HDP 2.6.5												1	2	4	x
<b>Cloudera</b>	CDH 5.5	1	1	1	1	1	1	1			1		1			x
	CDH 5.6	1	1	1	1	1	1	1			1		1			x
	CDH 5.7	1	1	1	1	1	1	1			1		1			x
	CDH 5.8	1	1	1	1	1	1	1			1		1			x
	CDH 5.9	1	1	1	1	1	1	1		4	1	4	1		4	x
	CDH 5.10	1	1	1	1	1	1	1		4	1	4	1		4	x
	CDH 5.11	1	1	1	1	1	1	1		4	1	4	1		4	x
	CDH 5.12				1	1	1	1	2	4	1	4	1	2	4	x
	CDH 5.13					1	1	1	2	4	1	4	1	2	4	x
	CDH 5.14						1	1	2	4	1	4	1	2	4	x
CDH 5.15												1	2		x	
<b>Other</b>	Amazon EMR				1	1	1	1			1		1			
	Google Data Proc				1	1	1	1			1		1			
<b>Object Storage</b>	S3 Compatible, IBM COS	3	3	3	3	3	3	3			3		3			
	MS Azure Blob Storage				3	3	3	3			3		3			

WANdisco release version:

<i>Fusion 2.10.2</i>	<i>Fusion 2.10.3.1</i>	<i>Fusion 2.10.5.1</i>	<i>Fusion 2.11.0.4</i>	<i>Fusion 2.11.1</i>	<i>Fusion 2.11.2</i>	<i>Fusion 2.12</i>	<i>Live Hive 2.0 (Requires BR 2.12+)</i>	<i>Live Ranger 2.0, Sentry 2.0 (Requires BR 2.12+)</i>	<i>Fusion 2.12.1</i>	<i>Live Ranger 2.1, Sentry 2.0 (Requires BR 2.12+)</i>	<i>Fusion 2.12.2</i>	<i>Live Hive 2.1 (Requires BR 2.12+)</i>	<i>Live Ranger 2.1.2, Sentry 2.1.1 (Requires BR 2.12+)</i>	<i>Backup 2.0 (Requires BR 2.12.2)</i>
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- 2 a/a Hive - This is active/active replication of Hive metadata with the Live Hive plugin
- 3 a/p This is active/passive and repair based passive replication at HDFS/HCFS API level to Object Stores
- 4 a/a Security policies - This is active/active replication of security policies (not cross-distribution)

		IBM Big Replicate Versions								
		Big Replicate 2.1	Big Replicate 2.1.1	Big Replicate 2.1.1.1	Big Replicate 2.1.2	Big Replicate 2.1.2.1	Big Replicate 2.1.2.2	Big Replicate 2.12	Hive 2.0	Security 2.0
<b>IBM BigInsights</b>	IOP 4.1	1	1	1	1	1				
	IOP 4.2	1	1	1	1	1				
	IOP 4.2.5	1	1	1	1	1	1	1		
<b>Hortonworks</b>	HDP 2.3	1	1	1	1	1	1	1		
	HDP 2.4	1	1	1	1	1	1	1		
	HDP 2.5	1	1	1	1	1	1	1		
	HDP 2.6.2	1	1	1	1	1	1	1	2	
	HDP 2.6.3				1	1	1	1	2	
	HDP 2.6.4					1	1	1	2	4
HDP 2.6.5							1			
<b>Cloudera</b>	CDH 5.5	1	1	1	1	1	1	1		
	CDH 5.6	1	1	1	1	1	1	1		
	CDH 5.7	1	1	1	1	1	1	1		
	CDH 5.8	1	1	1	1	1	1	1		
	CDH 5.9	1	1	1	1	1	1	1		4
	CDH 5.10	1	1	1	1	1	1	1		4
	CDH 5.11	1	1	1	1	1	1	1		4
	CDH 5.12				1	1	1	1	2	4
	CDH 5.13					1	1	1	2	4
CDH 5.14						1	1	2	4	
<b>Other</b>	Amazon EMR				1	1	1	1		
	Google Data Proc				1	1	1	1		
<b>Object Storage</b>	S3 Compatible, IBM COS	3	3	3	3	3	3	3		
	MS Azure Blob Storage				3	3	3	3		

WANdisco release version:

<i>Fusion</i>	<i>Fusion</i>	<i>Fusion</i>	<i>Fusion</i>	<i>Fusion</i>	<i>Fusion</i>	<i>Fusion</i>	<i>Fusion</i>	<i>Live Hive</i>	<i>Live Ranger</i>
<i>2.10.2</i>	<i>2.10.3.1</i>	<i>2.10.5.1</i>	<i>2.11.0.4</i>	<i>2.11.1</i>	<i>2.11.2</i>	<i>2.12</i>		<i>2.0</i>	<i>2.0, Live</i>
								<i>(Requires BR 2.12)</i>	<i>(Requires BR 2.12)</i>

**Big Replicate Matrix 2.12.1**

**Big Replicate for Hive 2.0**

**Big Replicate for Security 2.0**

**Legend**

- 1 a/a HDFS/HCFS - This is active/active and repair-based passive replication at the HDFS/HCFS API level
- 2 a/a Hive - This is active/active replication of Hive metadata
- 3 a/p HDFS/HCFS -> Object Store - This is active/passive and repair based passive replication at HDFS/HCFS API level to non HDFS/HCFS systems.
- 4 a/a Security - This is active/active replication of Security Policies (Ranger in HDP, Sentry in CDH)

	BigInsights (IOP) 4.2.5	HDP 2.3	HDP 2.4	HDP 2.5	HDP 2.6.2	HDP 2.6.3	HDP 2.6.4	HDP 2.6.5	CDH 5.5	CDH 5.6	CDH 5.7	CDH 5.8	CDH 5.9	CDH 5.10	CDH 5.11	CDH 5.12	CDH 5.13	CDH 5.14	Amazon EMR 5.3.0	Amazon EMR 5.4.0	Google Data Proc	Clever safe	Amazon S3	Google cloud Storage	Microsoft Azure Blob Storage	Swift Object Store
<b>IBM</b>																										
BigInsights(IOP) 4.2.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
<b>Hortonworks</b>																										
HDP 2.3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
HDP 2.4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
HDP 2.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
HDP 2.6.2	1	1	1	1	1,2	1,2	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
HDP 2.6.3	1	1	1	1	1,2	1,2	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
HDP 2.6.4	1	1	1	1	1,2	1,2	1,2,4	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
HDP 2.6.5 (2.12.1)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
<b>Cloudera</b>																										
CDH 5.5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
CDH 5.6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
CDH 5.7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
CDH 5.8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
CDH 5.9	1	1	1	1	1	1	1	1	1	1	1	1	1,4	1,4	1,4	1,4	1,4	1	1	1	3	3	3	3	3	
CDH 5.10	1	1	1	1	1	1	1	1	1	1	1	1	1,4	1,4	1,4	1,4	1,4	1	1	1	3	3	3	3	3	
CDH 5.11	1	1	1	1	1	1	1	1	1	1	1	1	1,4	1,4	1,4	1,4	1,4	1	1	1	3	3	3	3	3	
CDH 5.12	1	1	1	1	1	1	1	1	1	1	1	1	1,4	1,4	1,4	1,2,4	1,2,4	1,2	1	1	3	3	3	3	3	
CDH 5.13	1	1	1	1	1	1	1	1	1	1	1	1	1,4	1,4	1,4	1,2,4	1,2,4	1,2	1	1	3	3	3	3	3	
CDH 5.14	1	1	1	1	1	1	1	1	1	1	1	1	1,4	1,4	1,4	1,2,4	1,2,4	1,2	1	1	3	3	3	3	3	
<b>Amazon EMR</b>																										
Amazon EMR 5.3.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	
Amazon EMR 5.4.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	

**Big Replicate Matrix 2.1.2**

**Legend**

- 1 a/a HDFS/HCFS - This is active/active and repair-based passive replication at the HDFS/HCFS API level
- 2 a/a Hive - This is active/active replication of Hive metadata
- 3 a/p HDFS/HCFS -> other - This is active/passive and repair based passive replication at HDFS/HCFS API level to non HDFS/HCFS systems.

	BigInsights (IOP) 4.1	BigInsights (IOP) 4.2	BigInsights (IOP) 4.3	HDP 2.3	HDP 2.4	HDP 2.5	HDP 2.6.2	HDP 2.6.3	HDP 2.6.4	CDH 5.5	CDH 5.6	CDH 5.7	CDH 5.8	CDH 5.9	CDH 5.10	CDH 5.11	CDH 5.12	CDH 5.13	CDH 5.14	Amazon EMR 5.3.0	Amazon EMR 5.4.0	*Clever safe	*Amazon S3	Google Data Proc	Google cloud Storage	Microsoft Azure Blob Storage	Swift Object Store	
<b>IBM</b>																												
BigInsights(IOP) 4.1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
BigInsights(IOP) 4.2	1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
BigInsights(IOP) 4.2.5 (2.1.1)	1	1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
<b>Hortonworks</b>																												
HDP 2.3	1	1	1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
HDP 2.4	1	1	1	1,2	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
HDP 2.5	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
HDP 2.6.2 (2.1.1)	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
HDP 2.6.3 (2.1.2)	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
HDP 2.6.4 (2.1.2.1)	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
<b>Cloudera</b>																												
CDH 5.5	1	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
CDH 5.6	1	1	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
CDH 5.7	1	1	1	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
CDH 5.8	1	1	1	1	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
CDH 5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	1	3	1,3	1	3	3	3	
CDH 5.10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	1	3	1,3	1	3	3	3	
CDH 5.11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1,2	1	1	1	1	1	3	1,3	1	3	3	3	
CDH 5.12 (2.1.2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1,2	1	1	1	3	1,3	1	3	3	3	
CDH 5.13 (2.1.2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1,2	1	1	3	1,3	1	3	3	3	
CDH 5.14 (2.1.2.2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1,2	1	3	1,3	1	3	3	3	
<b>Amazon EMR</b>																												
Amazon EMR 5.3.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1	1	3	1,3	1	3	3	3
Amazon EMR 5.4.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1	1	3	1,3	1	3	3	3