

Action DataFlow / Action Vector in Hadoop

Certified and supported interoperability

Local mode (DataFlow engine running on a single machine)

DataFlow client	Vector in Hadoop	Type
6.5.2-112 Windows 7 64-bit, Java 1.7	4.2.1-169 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.2-112 Windows 7 64-bit, Java 1.7	4.2.1-169 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.2-112 RHEL 6.5 64-bit, Java 1.7	4.2.1-169 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.2-112 RHEL 6.5 64-bit, Java 1.7	4.2.1-169 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.2-112 RHEL 6.5 64-bit, Java 1.7	4.2.1-169 MapR 4.1.0 (CentOS 6.5 64bit)	Certified
6.5.2-x	4.2.1-x	Supported
6.5.1-112 Windows 7 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.1-112 Windows 7 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.1-112 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.1-112 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.1-112 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 MapR 4.0.2 (CentOS 6.5 64bit)	Certified
6.5.1-x	4.1.1-x	Supported
6.5.0-117 Windows 7 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.0-117 Windows 7 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.0-117 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.0-117 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified

6.5.0-117 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 MapR 4.0.1 (RHEL 6.5 64-bit)	Certified
6.5.0-x	4.1.1-x	Supported
6.4.0-414 Windows 7 64-bit, Java 1.7	4.1.0-147 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.4.0-414 Windows 7 64-bit, Java 1.7	4.1.0-147 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.4.0-414 RHEL 6.5 64-bit, Java 1.7	4.1.0-147 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.4.0-414 RHEL 6.5 64-bit, Java 1.7	4.1.0-147 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.4.0-x	4.1.0-x	Supported
6.3.2-3 Windows 7 64-bit, Java 1.7	4.0.1-168 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.3.2-3 Windows 7 64-bit, Java 1.7	4.0.1-168 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.3.2-3 RHEL 6.5 64-bit, Java 1.7	4.0.1-168 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.3.2-3 RHEL 6.5 64-bit, Java 1.7	4.0.1-168 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.3.2-x	4.0.1-x	Supported

Distributed mode (DataFlow engine running across a cluster)

DataFlow client	DataFlow Cluster Manager	Vector in Hadoop	Type
6.5.2-112 Windows 7 64-bit, Java 1.7	6.5.2-112 CentOS 6.5 64-bit, Java 1.7	4.2.1-169 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.2-112 Windows 7 64-bit, Java 1.7	6.5.2-112 RHEL 6.5 64-bit, Java 1.7	4.2.1-169 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.2-112 RHEL 6.5 64-bit, Java 1.7	6.5.2-112 CentOS 6.5 64-bit, Java 1.7	4.2.1-169 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.2-112 RHEL 6.5 64-bit, Java 1.7	6.5.2-112 RHEL 6.5 64-bit, Java 1.7	4.2.1-169 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.2-112 RHEL 6.5 64-bit, Java 1.7	6.5.2-112 RHEL 6.5 64-bit, Java 1.7	4.2.1-169 MapR 4.1.0 (RHEL 6.5 64-bit)	Certified
6.5.2-x	6.5.2-x	4.2.1-x	Supported

6.5.1-112 Windows 7 64-bit, Java 1.7	6.5.1-112 CentOS 6.5 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.1-112 Windows 7 64-bit, Java 1.7	6.5.1-112 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.1-112 RHEL 6.5 64-bit, Java 1.7	6.5.1-112 CentOS 6.5 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.1-112 RHEL 6.5 64-bit, Java 1.7	6.5.1-112 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.1-x	6.5.1-x	4.1.1-x	Supported
6.5.0-117 Windows 7 64-bit, Java 1.7	6.5.0-117 CentOS 6.5 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.0-117 Windows 7 64-bit, Java 1.7	6.5.0-117 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.0-117 RHEL 6.5 64-bit, Java 1.7	6.5.0-117 CentOS 6.5 64-bit, Java 1.7	4.1.1-158 HDP 2.2 (CentOS 6.5 64-bit)	Certified
6.5.0-117 RHEL 6.5 64-bit, Java 1.7	6.5.0-117 RHEL 6.5 64-bit, Java 1.7	4.1.1-158 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.5.0-x	6.5.0-x	4.1.1-x	Supported
6.4.0-414 Windows 7 64-bit, Java 1.7	6.4.0-414 CentOS 6.5 64-bit, Java 1.7	4.1.0-147 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.4.0-414 Windows 7 64-bit, Java 1.7	6.4.0-414 RHEL 6.5 64-bit, Java 1.7	4.1.0-147 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.4.0-414 RHEL 6.5 64-bit, Java 1.7	6.4.0-414 CentOS 6.5 64-bit, Java 1.7	4.1.0-147 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.4.0-414 RHEL 6.5 64-bit, Java 1.7	6.4.0-414 RHEL 6.5 64-bit, Java 1.7	4.1.0-147 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.4.0-x	6.4.0-x	4.1.0-x	Supported
6.3.2-3 Windows 7 64-bit, Java 1.7	6.3.2-3 CentOS 6.5 64-bit, Java 1.7	4.0.1-168 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.3.2-3 Windows 7 64-bit, Java 1.7	6.3.2-3 RHEL 6.5 64-bit, Java 1.7	4.0.1-168 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.3.2-3 RHEL 6.5 64-bit, Java 1.7	6.3.2-3 CentOS 6.5 64-bit, Java 1.7	4.0.1-168 HDP 2.1 (CentOS 6.5 64-bit)	Certified
6.3.2-3 RHEL 6.5 64-bit, Java 1.7	6.3.2-3 RHEL 6.5 64-bit, Java 1.7	4.0.1-168 CDH 5.x (RHEL 6.5 64-bit)	Certified
6.3.2-x	6.3.2-x	4.0.1-x	Supported

A few notes regarding the above tables:

1. For the above product releases (or patches within the releases), other platforms are also supported as long as they are supported by the individual product's support policy
 - a. Actian Vector in Hadoop's individual platform support list can be found at http://downloads.actian.com/media/PDFs/Product_Avail_Matrix_Vector.pdf
 - b. DataFlow's individual platform support list can be found at http://downloads.actian.com/media/PDFs/Product_Avail_Matrix_DataFlow.pdf
2. DataFlow client refers to the following client use cases:
 - a. DataFlow workflow developed with KNIME GUI
 - b. DataFlow workflow using RushScript
 - c. DataFlow workflow using Java
3. For distributed mode, the DataFlow client and the cluster manager versions must be identical