

Support Matrix

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Apache NiFi endpoints

Learn about the Apache NiFi processors, controller services, and reporting tasks supported by Cloudera that you can use with this release of Cloudera Flow Management Operator for Kubernetes.

Supported NiFi processors

Learn about the NiFi processors supported by Cloudera that you can use with Cloudera Flow Management Operator for Kubernetes.

Additional processors are developed and tested by the Cloudera community but are not officially supported by Cloudera. Processors are excluded for a variety of reasons, including insufficient reliability or incomplete test case coverage, declaration of non-production readiness by the community at large, and feature deviation from Cloudera best practices. Do not use these processors in your production environments.

NiFi 1.28.1

AttributesToCSV	GetCouchbaseKey	PutDistributedMapCache
AttributesToJSON	GetElasticsearch	PutDropbox
Base64EncodeContent	GetFTP	PutDynamoDB
CalculateParquetOffsets	GetFile	PutDynamoDBRecord
CalculateParquetRowGroupOffsets	GetGcpVisionAnnotateFilesOperationStatus	PutElasticsearchHttp
CalculateRecordStats	GetGcpVisionAnnotateImagesOperationStatus	PutElasticsearchHttpRecord
CaptureChangeDebeziumDB2	GetHBase	PutElasticsearchJson
CaptureChangeDebeziumMySQL	GetHDFS	PutElasticsearchRecord
CaptureChangeDebeziumOracle	GetHTTP	PutEmail
CaptureChangeDebeziumPostgreSQL	GetHDFSFileInfo	PutFTP
CaptureChangeDebeziumSQLServer	GetHDFSSequenceFile	PutFile
CaptureChangeMySQL	GetHTMLElement	PutGCObject
CompressContent	GetHubSpot	PutGoogleDrive
ConnectWebSocket	GetIgniteCache	PutGridFS
ConsumeAMQP	GetJiraIssue	PutHBaseCell
ConsumeAzureEventHub	GetJMSQueue	PutHBaseJSON
ConsumeEWS	GetJMSTopic	PutHBaseRecord
ConsumeElasticsearch	GetMongoRecord	PutHDFS
ConsumeGCPubSub	GetSFTP	PutHive3QL
ConsumeGCPubSubLite	GetSNMP	PutHive3Streaming
ConsumeJMS	GetSQS	PutHiveQL
ConsumeKafka_1_0	GetShopify	PutHiveStreaming
ConsumeKafka_2_0	GetSnowflakeIngestStatus	PutHTMLElement

¹ Technical preview

² Apache NiFi processor

³ Cloudera proprietary processor

ConsumeKafka_2_6	GetSolr	PutIceberg
ConsumeKafka2CDP	GetSplunk	PutIcebergCDC ¹
ConsumeKafka2RecordCDP	GetTCP	PutInfluxDB
ConsumeKafkaRecord_1_0	GetTwitter	PutJMS
ConsumeKafkaRecord_2_0	GetWorkdayReport	PutJiraIssue
ConsumeKafkaRecord_2_6	GetZendesk	PutKinesisFirehose
ConsumeKinesisStream	HandleHttpRequest	PutKinesisStream
ConsumeMQTT	HandleHttpResponse	PutKudu
ConsumePulsar	HashAttribute	PutLambda
ConsumePulsarRecord	HashContent	PutMongoRecord
ConsumeTwitter	IdentifyMimeType	PutORC
ConsumeWindowsEventLog	InvokeAWSGatewayApi	PutParquet
ControlRate	InvokeGRPC	PutRecord
ConvertAvroSchema	InvokeHTTP	PutRedisHashRecord ¹
ConvertAvroToJSON	InvokeScriptedProcessor	PutRiemann
ConvertAvroToORC	JoinEnrichment	PutS3Object
ConvertAvroToParquet	JoltTransformJSON	PutSFTP
ConvertCharacterSet	JoltTransformRecord	PutSNS
ConvertCSVToAvro	JSLTTransformJSON	PutSQL
ConvertJSONToAvro	JsonQueryElasticsearch	PutSQS
ConvertJSONToSQL	ListAzureBlobStorage	PutSalesforceObject
ConvertProtobuf	ListAzureBlobStorage_v12	PutSmbFile
ConvertRecord	ListAzureDataLakeStorage	PutSnowflakeInternalStage
CreateHadoopSequenceFile	ListBoxFile	PutSolrContentStream
CryptographicHashAttribute	ListCDPObjectStore	PutSolrRecord
CryptographicHashContent	ListDatabaseTables	PutSplunk
DecryptContent	ListDropbox	PutSplunkHTTP
DecryptContentAge	ListFTP	PutSyslog
DecryptContentCompatibility	ListFile	PutTCP
DecryptContentPGP	ListGCSBucket	PutUDP
DeduplicateRecord	ListGoogleDrive	PutWebSocket
DeleteAzureBlobStorage	ListHDFS	PutZendeskTicket
DeleteAzureBlobStorage_v12	ListS3	QueryAirtableTable
DeleteAzureDataLakeStorage	ListSFTP	QueryCassandra
DeleteByQueryElasticsearch	ListSmb	QueryDatabaseTable
DeleteCDPObjectStore	ListenBeats	QueryDatabaseTableRecord
DeleteDynamoDB	ListenFTP	QueryElasticsearchHttp
DeleteGCSObject	ListenGRPC ²	QueryRecord
DeleteGridFS	ListenGRPC ³	QuerySalesforceObject
DeleteHBaseCells	ListenHTTP	QuerySolr

DeleteHBaseRow	ListenNetFlow	QuerySplunkIndexingStatus
DeleteHDFS	ListenOTLP	QueryWhois
DeleteS3Object	ListenRELP	RemoveRecordField
DeleteSQS	ListenSyslog	ReplaceText
DetectDuplicate	ListenTCP	ReplaceTextWithMapping
DistributeLoad	ListenTCPRecord	ResizeImage
DuplicateFlowFile	ListenTrapSNMP	RetryFlowFile
EncodeContent	ListenUDP	RouteHL7
EncryptContent	ListenUDPRecord	RouteOnAttribute
EncryptContentAge	ListenWebSocket	RouteOnContent
EncryptContentPGP	LogAttribute	RouteText
EnforceOrder	LogMessage	SampleRecord
EvaluateJsonPath	LookupAttribute	ScanAccumulo
EvaluateXPath	LookupRecord	ScanAttribute
EvaluateXQuery	MergeContent	ScanContent
ExecuteGroovyScript	MergeRecord	ScanHBase
ExecuteInfluxDBQuery	ModifyCompression	ScriptedFilterRecord
ExecuteProcess	ModifyHTMLElement	ScriptedPartitionRecord
ExecuteSQL	MonitorActivity	ScriptedTransformRecord
ExecuteScript	MoveAzureDataLakeStorage	ScriptedValidateRecord
ExecuteSQLRecord	MoveHDFS	ScrollElasticsearchHttp
ExecuteStateless	Notify	SearchElasticsearch
ExecuteStreamCommand	PackageFlowFile	SegmentContent
ExtractAvroMetadata	PaginatedJsonQueryElasticsearch	SelectClouderaHiveQL
ExtractGrok	ParseCEF	SelectHive3QL
ExtractHL7Attributes	ParseEvtx	SelectHiveQL
ExtractImageMetadata	ParseSyslog	SendTrapSNMP
ExtractRecordSchema	PartitionRecord	SetSNMP
ExtractText	PostHTTP	SignContentPGP
FetchAzureBlobStorage	PublishAMQP	SplitAvro
FetchAzureBlobStorage_v12	PublishGCPubSub	SplitContent
FetchAzureDataLakeStorage	PublishGCPubSubLite	SplitJson
FetchBoxFile	PublishJMS	SplitRecord
FetchCDPObjectStore	PublishKafka_1_0	SplitText
FetchDistributedMapCache	PublishKafka_2_0	SplitXml
FetchDropbox	PublishKafka_2_6	StartAwsPollyJob
FetchElasticsearchHttp	PublishKafka2CDP	StartAwsTextractJob
FetchFTP	PublishKafka2RecordCDP	StartAwsTranscribeJob
FetchFile	PublishKafkaRecord_1_0	StartAwsTranslateJob
FetchGCSObject	PublishKafkaRecord_2_0	StartGcpVisionAnnotateFilesOperation

FetchGoogleDrive	PublishKafkaRecord_2_6	StartGcpVisionAnnotateImagesOperation
FetchGridFS	PublishMQTT	StartSnowflakeIngest
FetchHBaseRow	PublishPulsar	TagS3Object
FetchHDFS	PublishPulsarRecord	TailFile
FetchParquet	PublishSlack	TransformXml
FetchS3Object	PutAccumuloRecord	TriggerClouderaHiveMetaStoreEvent
FetchSFTP	PutAzureBlobStorage	TriggerHiveMetaStoreEvent
FetchSmb	PutAzureBlobStorage_v12	UnpackContent
FilterAttribute	PutAzureCosmosDBRecord	UpdateAttribute
FlattenJson	PutAzureDataLakeStorage	UpdateByQueryElasticsearch
ForkEnrichment	PutAzureEventHub	UpdateClouderaHiveTable
ForkRecord	PutAzureQueueStorage	UpdateCounter
GenerateFlowFile	PutAzureQueueStorage_v12	UpdateDatabaseTable
GenerateRecord	PutBigQuery	UpdateDeltaLakeTable ¹
GenerateTableFetch	PutBigQueryBatch	UpdateHive3Table
GeoEnrichIP	PutBigQueryStreaming	UpdateHiveTable
GeoEnrichIPRecord	PutBoxFile	UpdateRecord
GeohashRecord	PutCassandraQL	ValidateCsv
GetAsanaObject	PutCassandraRecord	ValidateJson
GetAwsPollyJobStatus	PutCDPObjectStore	ValidateRecord
GetAwsTextractJobStatus	PutCloudWatchMetric	ValidateXml
GetAwsTranscribeJobStatus	PutClouderaHiveQL	VerifyContentMAC
GetAwsTranslateJobStatus	PutClouderaHiveStreaming	VerifyContentPGP
GetAzureEventHub	PutClouderaORC	Wait
GetAzureQueueStorage	PutCouchbaseKey	YandexTranslate
GetAzureQueueStorage_v12	PutDatabaseRecord	

NiFi 2.4.0

AttributesToCSV	GetAzureEventHub	PutDynamoDB
AttributesToJSON	GetAzureQueueStorage_v12	PutDynamoDBRecord
CalculateParquetOffsets	GetBoxFileCollaborators	PutElasticsearchJson
CalculateParquetRowGroupOffsets	GetBoxGroupMembers	PutElasticsearchRecord
CalculateRecordStats	GetCouchbaseKey	PutEmail
CaptureChangeDebeziumDB2	GetElasticsearch	PutFTP
CaptureChangeDebeziumMongoDB	GetFTP	PutFile
CaptureChangeDebeziumMySQL	GetFile	PutGCSObject
CaptureChangeDebeziumOracle	GetGcpVisionAnnotateFilesOperationStatus	PutGoogleDrive
CaptureChangeDebeziumPostgreSQL	GetGcpVisionAnnotateImagesOperationStatus	PutGridFS
CaptureChangeDebeziumSQLServer	GetHBase	PutHBaseCell
CaptureChangeMySQL	GetHDFS	PutHBaseJSON

ChunkDocument	GetHDFSFileInfo	PutHBaseRecord
CompressContent	GetHDFSSequenceFile	PutHDFS
ConnectWebSocket	GetHubSpot	PutHive3QL
ConsumeAMQP	GetJiraIssue	PutHive3Streaming
ConsumeAzureEventHub	GetMongoRecord	PutIceberg
ConsumeBoxEnterpriseEvents	GetS3ObjectTags	PutIcebergCDC
ConsumeBoxEvents	GetSFTP	PutJiraIssue
ConsumeElasticsearch	GetSNMP	PutKinesisFirehose
ConsumeGCPubSub	GetSQS	PutKinesisStream
ConsumeGCPubSubLite	GetShopify	PutKudu
ConsumeJMS	GetSnowflakeIngestStatus	PutLambda
ConsumeKafka_2_6	GetSolr	PutMongoBulkOperations
ConsumeKafka2CDP	GetSplunk	PutMongoRecord
ConsumeKafka2RecordCDP	GetWorkdayReport	PutORC
ConsumeKafkaRecord_2_6	GetZendesk	PutPLC
ConsumeKinesisStream	HandleHttpRequest	PutParquet
ConsumeMQTT	HandleHttpResponse	PutPinecone
ConsumePLC	IdentifyMimeType	PutRecord
ConsumeSlack	InvokeAWSGatewayApi	PutRedisHashRecord ¹
ConsumeTwitter	InvokeGRPC	PutS3Object
ConsumeWindowsEventLog	InvokeHTTP	PutSFTP
ControlRate	InvokeScriptedProcessor	PutSNS
ConvertAvroToJSON	JoinEnrichment	PutSQL
ConvertAvroToParquet	JoltTransformJSON	PutSQS
ConvertCharacterSet	JoltTransformRecord	PutSalesforceObject
ConvertJSONToSQL	JSLTTransformJSON	PutSmbFile
ConvertProtobuf	JsonQueryElasticsearch	PutSnowflakeInternalStage
ConvertRecord	ListAzureBlobStorage_v12	PutSolrContentStream
CopyAzureBlobStorage_v12	ListAzureDataLakeStorage	PutSolrRecord
CountText	ListBoxFile	PutSplunk
CreateBoxFileMetadataInstance	ListBoxFileInfo	PutSplunkHTTP
CreateBoxMetadataTemplate	ListBoxFileMetadataInstances	PutSyslog
CreateHadoopSequenceFile	ListBoxFileMetadataTemplates	PutTCP
CryptographicHashContent	ListCDPObjectStore	PutUDP
DecryptContentAge	ListDatabaseTables	PutWebSocket
DecryptContentPGP	ListDropbox	PutZendeskTicket
DeduplicateRecord	ListFTP	QueryAirtableTable
DeleteAzureBlobStorage_v12	ListFile	QueryCassandra
DeleteAzureDataLakeStorage	ListGCSBucket	QueryChroma
DeleteBoxFileMetadataInstance	ListGoogleDrive	QueryDatabaseTable

DeleteByQueryElasticsearch	ListHDFS	QueryDatabaseTableRecord
DeleteCDPObjectStore	ListS3	QueryPinecone
DeleteDynamoDB	ListSFTP	QueryRecord
DeleteGCSObject	ListSmb	QuerySalesforceObject
DeleteGridFS	ListenBeats	QuerySolr
DeleteHBaseCells	ListenFTP	QuerySplunkIndexingStatus
DeleteHBaseRow	ListenGRPC	QueryWhois
DeleteHDFS	ListenHTTP	RemoveRecordField
DeleteS3Object	ListenNetFlow	RenameRecordField
DeleteSQS	ListenOTLP	ReplaceText
DetectDuplicate	ListenRELP	ReplaceTextWithMapping
DistributeLoad	ListenSlack	ResizeImage
DuplicateFlowFile	ListenSyslog	RetryFlowFile
EncodeContent	ListenTCP	RouteHL7
EncryptContentAge	ListenTCPRecord	RouteOnAttribute
EncryptContentPGP	ListenTrapSNMP	RouteOnContent
EnforceOrder	ListenUDP	RouteText
EvaluateJsonPath	ListenUDPRecord	SampleRecord
EvaluateXPath	ListenWebSocket	SawmillTransformJSON
EvaluateXQuery	LogAttribute	SawmillTransformRecord
ExecuteGraphQuery	LogMessage	ScanAccumulo
ExecuteGraphQueryRecord	LookupAttribute	ScanAttribute
ExecuteGroovyScript	LookupRecord	ScanContent
ExecuteProcess	MergeContent	ScanHBase
ExecuteSQL	MergeRecord	ScriptedFilterRecord
ExecuteScript	ModifyCompression	ScriptedPartitionRecord
ExecuteSQLRecord	MonitorActivity	ScriptedTransformRecord
ExecuteStateless	MoveAzureDataLakeStorage	ScriptedValidateRecord
ExecuteStreamCommand	MoveHDFS	SearchElasticsearch
ExtractAvroMetadata	Notify	SegmentContent
ExtractGrok	PackageFlowFile	SelectClouderaHiveQL
ExtractHL7Attributes	PaginatedJsonQueryElasticsearch	SelectHive3QL
ExtractImageMetadata	ParseCEF	SendTrapSNMP
ExtractRecordSchema	ParseDocument	SetSNMP
ExtractStructuredBoxFileMetadata	ParseEvtx	SignContentPGP
ExtractText	ParseSyslog	SplitAvro
FetchAzureBlobStorage_v12	PartitionRecord	SplitContent
FetchAzureDataLakeStorage	PromptAzureOpenAI	SplitJson
FetchBoxFile	PromptBedrock	SplitRecord
FetchBoxFileInfo	PromptChatGPT	SplitText

FetchBoxFileMetadataInstance	PromptClaude	SplitXml
FetchBoxFileRepresentation	PromptOpenAI	StartAwsPollyJob
FetchCDPObjectStore	PublishAMQP	StartAwsTextractJob
FetchDistributedMapCache	PublishGCPubSub	StartAwsTranscribeJob
FetchDropbox	PublishGCPubSubLite	StartAwsTranslateJob
FetchFTP	PublishJMS	StartGcpVisionAnnotateFilesOperation
FetchFile	PublishKafka_2_6	StartGcpVisionAnnotateImagesOperation
FetchGCObject	PublishKafka2CDP	StartSnowflakeIngest
FetchGoogleDrive	PublishKafka2RecordCDP	TagS3Object
FetchGridFS	PublishKafkaRecord_2_6	TailFile
FetchHBaseRow	PublishMQTT	TokenCount
FetchHDFS	PublishSlack	TransformXml
FetchPLC	PutAccumuloRecord	TriggerClouderaHiveMetaStoreEvent
FetchParquet	PutAzureBlobStorage_v12	TriggerHiveMetaStoreEvent
FetchS3Object	PutAzureCosmosDBRecord	UnpackContent
FetchSFTP	PutAzureDataLakeStorage	UpdateAttribute
FetchSmb	PutAzureEventHub	UpdateBoxFileMetadataInstance
FilterAttribute	PutAzureQueueStorage_v12	UpdateByQueryElasticsearch
FlattenJson	PutBigQuery	UpdateClouderaHiveTable
ForkEnrichment	PutBoxFile	UpdateCounter
ForkRecord	PutCassandraQL	UpdateDatabaseTable
GenerateFlowFile	PutCassandraRecord	UpdateDeltaLakeTable ¹
GenerateRecord	PutCDPObjectStore	UpdateHive3Table
GenerateTableFetch	PutChroma	UpdateRecord
GeoEnrichIP	PutCloudWatchMetric	ValidateCsv
GeoEnrichIPRecord	PutClouderaHiveQL	ValidateJson
GeohashRecord	PutClouderaHiveStreaming	ValidateRecord
GetAsanaObject	PutClouderaORC	ValidateXml
GetAwsPollyJobStatus	PutCouchbaseKey	VerifyContentMAC
GetAwsTextractJobStatus	PutDatabaseRecord	VerifyContentPGP
GetAwsTranscribeJobStatus	PutDistributedMapCache	Wait
GetAwsTranslateJobStatus	PutDropbox	YandexTranslate

Supported NiFi controller services

Learn about the Apache NiFi controller services supported by Cloudera that you can use with Cloudera Flow Management Operator for Kubernetes.

Additional controller services are developed and tested by the Cloudera community but are not officially supported by Cloudera. Controller services are excluded for a variety of reasons, including insufficient reliability or incomplete test case coverage, declaration of non-production readiness by the community at large, and feature deviation from Cloudera best practices. Do not use these controller services in your production environments.

CFM

AttributesToCSV	GetAzureEventHub	PutDynamoDB
AttributesToJSON	GetAzureQueueStorage_v12	PutDynamoDBRecord
CalculateParquetOffsets	GetBoxFileCollaborators	PutElasticsearchJson
CalculateParquetRowGroupOffsets	GetBoxGroupMembers	PutElasticsearchRecord ⁷
CalculateRecordStats	GetCouchbaseKey ⁷	PutEmail
CaptureChangeDebeziumDB2	GetElasticsearch	PutFTP ⁷
CaptureChangeDebeziumMongoDB	GetFTP	PutFile
CaptureChangeDebeziumMySQL	GetFile	PutGCXObject
CaptureChangeDebeziumOracle	GetGcpVisionAnnotateFilesOperationStatus	PutGoogleDrive
CaptureChangeDebeziumPostgreSQL	GetGcpVisionAnnotateImagesOperationStatus	PutGridFS
CaptureChangeDebeziumSQLServer	GetHBase	PutHBaseCell
CaptureChangeMySQL	GetHDFS	PutHBaseJSON
ChunkDocument	GetHDFSFileInfo	PutHBaseRecord ⁷
CompressContent ⁷⁸	GetHDFSSequenceFile	PutHDFS
ConnectWebSocket	GetHubSpot	PutHive3QL
ConsumeAMQP	GetJiraIssue	PutHive3Streaming
ConsumeAzureEventHub	GetMongoRecord	PutIceberg
ConsumeBoxEnterpriseEvents	GetS3ObjectTags	PutIcebergCDC
ConsumeBoxEvents	GetSFTP	PutJiraIssue
ConsumeElasticsearch	GetSNMP	PutKinesisFirehose
ConsumeGCPubSub	GetSQS	PutKinesisStream
ConsumeGCPubSubLite	GetShopify	PutKudu
ConsumeJMS	GetSnowflakeIngestStatus	PutLambda
ConsumeKafka_2_6	GetSolr	PutMongoBulkOperations
ConsumeKafka2CDP	GetSplunk	PutMongoRecord
ConsumeKafka2RecordCDP	GetWorkdayReport	PutORC ⁷
ConsumeKafkaRecord_2_6	GetZendesk	PutPLC
ConsumeKinesisStream	HandleHttpRequest	PutParquet
ConsumeMQTT ⁷	HandleHttpResponse	PutPinecone
ConsumePLC	IdentifyMimeType	PutRecord
ConsumeSlack	InvokeAWSGatewayApi	PutRedisHashRecord ⁴
ConsumeTwitter	InvokeGRPC	PutS3Object
ConsumeWindowsEventLog	InvokeHTTP	PutSFTP
ControlRate	InvokeScriptedProcessor	PutSNS

⁴ Technical preview

⁵ Apache NiFi processor

⁶ Cloudera proprietary processor

⁷ Memory intensive processor

⁸ CPU intensive processor

ConvertAvroToJSON	JoinEnrichment	PutSQL
ConvertAvroToParquet	JoltTransformJSON	PutSQS ⁷
ConvertCharacterSet	JoltTransformRecord	PutSalesforceObject
ConvertJSONToSQL	JSLTTransformJSON	PutSmbFile
ConvertProtobuf	JsonQueryElasticsearch	PutSnowflakeInternalStage
ConvertRecord	ListAzureBlobStorage_v12	PutSolrContentStream
CopyAzureBlobStorage_v12	ListAzureDataLakeStorage	PutSolrRecord
CountText	ListBoxFile	PutSplunk
CreateBoxFileMetadataInstance	ListBoxFileInfo	PutSplunkHTTP
CreateBoxMetadataTemplate	ListBoxFileMetadataInstances	PutSyslog
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DecryptContentPGP	ListDropbox	PutZendeskTicket
DeduplicateRecord	ListFTP	QueryAirtableTable
DeleteAzureBlobStorage_v12	ListFile	QueryCassandra
DeleteAzureDataLakeStorage	ListGCSBucket	QueryChroma
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DeleteByQueryElasticsearch	ListHDFS	QueryDatabaseTableRecord
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EvaluateXPath	ListenWebSocket	SawmillTransformJSON
EvaluateXQuery	LogAttribute	SawmillTransformRecord
ExecuteGraphQuery	LogMessage	ScanAccumulo
ExecuteGraphQueryRecord	LookupAttribute	ScanAttribute ⁷

ExecuteGroovyScript	LookupRecord	ScanContent
ExecuteProcess	MergeContent	ScanHBase
ExecuteSQL	MergeRecord ⁷	ScriptedFilterRecord
ExecuteScript	ModifyCompression	ScriptedPartitionRecord
ExecuteSQLRecord	MonitorActivity	ScriptedTransformRecord
ExecuteStateless ⁷⁸	MoveAzureDataLakeStorage	ScriptedValidateRecord
ExecuteStreamCommand	MoveHDFS	SearchElasticsearch
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ExtractGrok	PackageFlowFile	SelectClouderaHiveQL
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FetchHBaseRow	PublishMQTT	TokenCount
FetchHDFS	PublishSlack	TransformXml
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FetchParquet	PutAzureBlobStorage_v12	TriggerHiveMetaStoreEvent
FetchS3Object	PutAzureCosmosDBRecord	UnpackContent
FetchSFTP	PutAzureDataLakeStorage ⁷	UpdateAttribute
FetchSmb	PutAzureEventHub	UpdateBoxFileMetadataInstance
FilterAttribute	PutAzureQueueStorage_v12	UpdateByQueryElasticsearch
FlattenJson	PutBigQuery	UpdateClouderaHiveTable
ForkEnrichment	PutBoxFile	UpdateCounter
ForkRecord	PutCassandraQL ⁷	UpdateDatabaseTable

GenerateFlowFile	PutCassandraRecord ⁷	UpdateDeltaLakeTable ⁴
GenerateRecord	PutCDPObjectStore	UpdateHive3Table
GenerateTableFetch	PutChroma	UpdateRecord
GeoEnrichIP	PutCloudWatchMetric	ValidateCsv
GeoEnrichIPRecord	PutClouderaHiveQL	ValidateJson
GeohashRecord	PutClouderaHiveStreaming	ValidateRecord
GetAsanaObject	PutClouderaORC	ValidateXml
GetAwsPollyJobStatus	PutCouchbaseKey	VerifyContentMAC
GetAwsTextractJobStatus	PutDatabaseRecord ⁷	VerifyContentPGP
GetAwsTranscribeJobStatus	PutDistributedMapCache	Wait
GetAwsTranslateJobStatus	PutDropbox	YandexTranslate

NiFi 1.28.1

AccumuloService	ElasticSearchStringLookupService	PulsarClientJwtAuthenticationService
ActionHandlerLookup	EmailRecordSink	PulsarClientOauthAuthenticationService
ActiveMQJMSServiceConnectionFactoryProvider	EmbeddedHazelcastCacheManager	PulsarClientTlsAuthenticationService
ADLSCredentialsControllerService	ExcelReader	RabbitMQJMSServiceConnectionFactoryProvider
ADLSCredentialsControllerServiceLookup	ExpressionHandler	ReaderLookup
ADLSIDBrokerCloudCredentialsProviderControllerService	EmbeddedHazelcastCacheManager	RecordSetWriterLookup
AlertHandler	FreeFormTextRecordSetWriter	RecordSinkHandler
AmazonGlueSchemaRegistry	GCPCredentialsControllerService	RecordSinkServiceLookup
AvroReader	GrokReader	RedisConnectionPoolService
AvroRecordSetWriter	HBase_1_1_2_ClientMapCacheService	RedisDistributedMapCacheClientService
AvroSchemaRegistry	HBase_1_1_2_ClientService	RedshiftConnectionPool
AWSCredentialsProviderControllerService	HBase_1_1_2_ListLookupService	RestLookupService
AWSIDBrokerCloudCredentialsProviderControllerService	HBase_1_1_2_RecordLookupService	ScriptedActionHandler
AzureBlobIDBrokerCloudCredentialsProviderControllerService	HBase_2_ClientMapCacheService	ScriptedLookupService
AzureCosmosDBClientService	HBase_2_ClientService	ScriptedReader
AzureEventHubRecordSink	HBase_2_RecordLookupService	ScriptedRecordSetWriter
AzureServiceBusJMSServiceConnectionFactoryProvider	HadoopCatalogService	ScriptedRecordSink
AzureStorageCredentialsControllerService	HadoopDBCPCConnectionPool	ScriptedRulesEngine
AzureStorageCredentialsControllerServiceLookup	HazelcastMapCacheClient	SimpleDatabaseLookupService
AzureStorageCredentialsControllerServiceLookup_v12	Hive3ConnectionPool	SimpleKeyValueLookupService
AzureStorageCredentialsControllerService_v12	HiveCatalogService	SimpleRedisDistributedMapCacheClientService
CassandraDistributedMapCache	HiveConnectionPool	SimpleScriptedLookupService
CassandraSessionProvider	HortonworksSchemaRegistry	SiteToSiteReportingRecordSink
CdpCredentialsProviderControllerService	ImpalaConnectionPool	SmbjClientProviderService
CdpOauth2AccessTokenProviderControllerService	IPLookupService	SnowflakeComputingConnectionPool
CEFRReader	IPFIXReader	StandardAsanaClientProviderService
CiscoEmblemSyslogMessageReader	JASNIReader	StandardAzureCredentialsControllerService

ClouderaHiveConnectionPool	JiraRecordSink	StandardDropboxCredentialService
ClouderaSchemaRegistry	JMSConnectionFactoryProvider	StandardFileResourceService
CMLLookupService	JndiJmsConnectionFactoryProvider	StandardHashiCorpVaultClientService
ConfluentSchemaRegistry	JsonConfigBasedBoxClientService	StandardHttpContextMap
CouchbaseClusterService	JsonPathReader	StandardJsonSchemaRegistry ⁴
CouchbaseKeyValueLookupService	JsonRecordSetWriter	StandardOAuth2AccessTokenProvider
CouchbaseMapCacheClient	JsonTreeReader	StandardPGPPrivateKeyService
CouchbaseRecordLookupService	KafkaRecordSink_1_0	StandardPGPPublicKeyService
CSVReader	KafkaRecordSink_2_0	StandardPrivateKeyService
CSVRecordLookupService	KafkaRecordSink_2_6	StandardProxyConfigurationService
CSVRecordSetWriter	KerberosKeytabUserService	StandardPulsarClientService
DatabaseRecordLookupService	KerberosPasswordUserService	StandardRestrictedSSLContextService
DatabaseRecordSink	KerberosTicketCacheUserService	StandardS3EncryptionService
DatabaseTableSchemaRegistry	KeytabCredentialsService	StandardSnowflakeIngestManagerProviderService
DBCPCConnectionPool	KuduLookupService	StandardSSLContextService
DBCPCConnectionPoolLookup	LogHandler	StandardWebClientServiceProvider
DistributedMapCacheClientService	LoggingRecordSink	Syslog5424Reader
DistributedMapCacheLookupService	MongoDBControllerService	SyslogReader
DistributedMapCacheServer	MongoDBLookupService	UDPEventRecordSink
DistributedSetCacheClientService	ParquetReader	VolatileSchemaCache
DistributedSetCacheServer	ParquetRecordSetWriter	WindowsEventLogReader
EasyRulesEngineProvider	PostgreSQLConnectionPool	XMLReader
EasyRulesEngineService	PrometheusRecordSink	XMLRecordSetWriter
EBCDICRecordReader ⁴	ProtobufReader	YamlTreeReader
ElasticSearchClientServiceImpl	PulsarClientAthenzAuthenticationService	ZendeskRecordSink
ElasticSearchLookupService		

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AccumuloService	JiraRecordSink
ActiveMQJMSConnectionFactoryProvider	JMSConnectionFactoryProvider
ADLSCredentialsControllerService	JndiJmsConnectionFactoryProvider
ADLSCredentialsControllerServiceLookup	JsonConfigBasedBoxClientService
ADLSIDBrokerCloudCredentialsProviderControllerService	JsonPathReader
AmazonGlueSchemaRegistry	JsonRecordSetWriter
AmazonMSKConnectionService	JsonTreeReader
ApicurioSchemaRegistry	JWTBearerOAuth2AccessTokenProvider
AWSCredentialsProviderControllerService	Kafka3ConnectionService
AWSIDBrokerCloudCredentialsProviderControllerService	KafkaRecordSink_2_6
AvroReader	KerberosKeytabUserService
AvroRecordSetWriter	KerberosPasswordUserService
AvroSchemaRegistry	KerberosTicketCacheUserService
AzureBlobIDBrokerCloudCredentialsProviderControllerService	KuduLookupService
AzureBlobStorageFileResourceService	LivySessionController

AzureCosmosDBClientService	LoggingRecordSink
AzureDataLakeStorageFileResourceService	MapCacheClientService
AzureEventHubRecordSink	MapCacheServer
AzureServiceBusJMSSConnectionFactoryProvider	MongoDBControllerService
AzureStorageCredentialsControllerService_v12	MongoDBLookupService
AzureStorageCredentialsControllerServiceLookup_v12	Neo4JCypherClientService
AzureStorageEmulatorCredentialsControllerService	OAuth2TokenProviderImpl
CassandraDistributedMapCache	ParquetReader
CassandraSessionProvider	ParquetRecordSetWriter
CdpCredentialsProviderControllerService	PEMEncodedSSLContextProvider
CdpOAuth2AccessTokenProviderControllerService	PhoenixThickConnectionPool
CEFReader	PhoenixThinConnectionPool
CiscoEmblemSyslogMessageReader	PostgreSQLConnectionPool
ClouderaAttributeSchemaReferenceReader	PropertiesFileLookupService
ClouderaAttributeSchemaReferenceWriter	ProtobufReader
ClouderaEncodedSchemaReferenceReader	ProxyPLC4XConnectionPool
ClouderaEncodedSchemaReferenceWriter	PulsarClientAthenzAuthenticationService
ClouderaHiveConnectionPool	PulsarClientJwtAuthenticationService
ClouderaHiveConnectionPoolLookup	PulsarClientOAuthAuthenticationService
ClouderaSchemaRegistry	PulsarClientTlsAuthenticationService
CMLLookupService	RabbitMQJMSSConnectionFactoryProvider
ConfluentEncodedSchemaReferenceReader	ReaderLookup
ConfluentEncodedSchemaReferenceWriter	RecordSetWriterLookup
ConfluentSchemaRegistry	RecordSinkServiceLookup
CouchbaseClusterService	RedisConnectionPoolService
CouchbaseKeyValueLookupService	RedisDistributedMapCacheClientService
CouchbaseMapCacheClient	RedshiftConnectionPool
CouchbaseRecordLookupService	RESTCatalogService
CSVReader	RestLookupService
CSVRecordLookupService	S3FileResourceService
CSVRecordSetWriter	ScriptedLookupService
DatabaseRecordLookupService	ScriptedReader
DatabaseRecordSink	ScriptedRecordSetWriter
DatabaseTableSchemaRegistry	ScriptedRecordSink
DBCPCConnectionPool	SetCacheClientService
DBCPCConnectionPoolLookup	SetCacheServer
DeveloperBoxClientService	SimpleCsvFileLookupService
DistributedMapCacheLookupService	SimpleDatabaseLookupService
DistributedSetCacheClientService	SimpleKeyValueLookupService
EBCDICRecordReader	SimpleRedisDistributedMapCacheClientService
ElasticSearchClientServiceImpl	SimpleScriptedLookupService
ElasticSearchLookupService	SiteToSiteReportingRecordSink
ElasticSearchStringLookupService	SlackRecordSink
EmailRecordSink	SmbjClientProviderService
EmbeddedHazelcastCacheManager	SnowflakeComputingConnectionPool
ExcelReader	StandardAsanaClientProviderService
ExternalHazelcastCacheManager	StandardAzureCredentialsControllerService
FreeFormTextRecordSetWriter	StandardDatabaseDialectService
GCPCredentialsControllerService	StandardDropboxCredentialService
GCSFileResourceService	StandardFileResourceService

GenericPLC4XConnectionPool	StandardHashiCorpVaultClientService
GraphiteMetricReporterService	StandardHttpContextMap
GremlinClientService	StandardJiraCredentialService
GrokReader	StandardJsonSchemaRegistry
HadoopCatalogService	StandardKustoIngestService
HadoopDBCPCConnectionPool	StandardKustoQueryService
HazelcastMapCacheClient	StandardOAuth2AccessTokenProvider
HBase_2_ClientMapCacheService	StandardPGPPrivateKeyService
HBase_2_ClientService	StandardPGPPublicKeyService
HBase_2_RecordLookupService	StandardPLC4XConnectionPool
HikariCPCConnectionPool	StandardPrivateKeyService
HiveCatalogService	StandardProxyConfigurationService
HttpRecordSink	StandardPulsarClientService
ImpalaConnectionPool	StandardRestrictedSSLContextService
IPFIXReader	StandardS3EncryptionService
IPLookupService	StandardSnowflakeIngestManagerProviderService
JASN1Reader	StandardSSLContextService
JdbcCatalogService	StandardWebClientServiceProvider
JettyWebSocketClient	Syslog5424Reader
JettyWebSocketServer	SyslogReader
	TinkerpopClientService
	UDPEventRecordSink
	VolatileSchemaCache
	WindowsEventLogReader
	XMLFileLookupService
	XMLReader
	XMLRecordSetWriter
	YamlTreeReader
	ZendeskRecordSink

Supported NiFi reporting tasks

Learn about the Apache NiFi reporting tasks supported by Cloudera that you can use with Cloudera Flow Management Operator for Kubernetes.

Additional reporting tasks are developed and tested by the Cloudera community but are not officially supported by Cloudera. Reporting tasks are excluded for a variety of reasons, including insufficient reliability or incomplete test case coverage, declaration of non-production readiness by the community at large, and feature deviation from Cloudera best practices. Do not use these reporting tasks in your production environments.

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AmbariReportingTask	PrometheusReportingTask	SiteToSiteBulletinReportingTask
ControllerStatusReportingTask	QueryNiFiReportingTask	SiteToSiteMetricsReportingTask
MetricsEventReportingTask	ReportLineageToAtlas	SiteToSiteProvenanceReportingTask
MonitorDiskUsage	ScriptedReportingTask	SiteToSiteStatusReportingTask
MonitorMemory		

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AmbariReportingTask	PrometheusReportingTask
AzureLogAnalyticsProvenanceReportingTask	QueryNiFiReportingTask
AzureLogAnalyticsReportingTask	ReportLineageToAtlas
ControllerStatusReportingTask	ScriptedReportingTask
DataDogReportingTask	SiteToSiteBulletinReportingTask
MetricsEventReportingTask	SiteToSiteMetricsReportingTask
MetricsReportingTask	SiteToSiteProvenanceReportingTask
MonitorDiskUsage	SiteToSiteStatusReportingTask
MonitorMemory	StandardGangliaReporter
