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| Full Distributed Mode 하둡 클러스터 설정 코드(Hadoop 3.x) |

$ vi $HADOOP\_HOME/etc/hadoop/hadoop-env.sh (모든 노드)

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| --- | --- |
|  | export JAVA\_HOME=/home/nova/jdk1.8.0\_181 |

$ vi $HADOOP\_HOME/etc/hadoop/core-site.xml (모든 노드)

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| --- | --- |
|  | <?xml version="1.0"?>  <?xml-stylesheet type="text/xsl" href="configuration.xsl"?>  <configuration>  <!-- file system default name -->  <property>  <name>fs.defaultFS</name>  <value>hdfs://master:9000</value>  </property>  </configuration> |

$ vi $HADOOP\_HOME/etc/hadoop/hdfs-site.xml (NameNode)

|  |  |
| --- | --- |
|  | <?xml version="1.0"?>  <?xml-stylesheet type="text/xsl" href="configuration.xsl"?>  <configuration>  <property>  <name>dfs.replication</name>  <value>2</value>  </property>  <property>  <name>dfs.namenode.name.dir</name>  <value>file:///dfs/name</value>  </property>  <property>  <name>dfs.namenode.edits.dir</name>  <value>file:///dfs/edits</value>  </property>  <property>  <name>dfs.namenode.secondary.http-address</name>  <value>backup:9868</value>  </property>  </configuration> |

$ vi $HADOOP\_HOME/etc/hadoop/mapred-site.xml (NameNode)

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| --- | --- |
|  | <?xml version="1.0"?>  <?xml-stylesheet type="text/xsl" href="configuration.xsl"?>  <configuration>  <property>  <name>mapreduce.framework.name</name>  <value>yarn</value>  </property>  </configuration> |

$ vi $HADOOP\_HOME/etc/hadoop/yarn-site.xml (NameNode)

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| --- | --- |
|  | <?xml version="1.0"?>  <configuration>  <property>  <name>yarn.nodemanager.aux-services</name>  <value>mapreduce\_shuffle</value>  </property>  </configuration> |

$ vi $HADOOP\_HOME/etc/hadoop/workers (NameNode)

|  |  |
| --- | --- |
|  | slave1  slave2  slave3 |

$ vi $HADOOP\_HOME/etc/hadoop/hdfs-site.xml (DataNode)

|  |  |
| --- | --- |
|  | <?xml version="1.0"?>  <?xml-stylesheet type="text/xsl" href="configuration.xsl"?>  <configuration>  <property>  <name>dfs.datanode.data.dir</name>  <value>file:///dfs/data</value>  </property>  </configuration> |

$ vi $HADOOP\_HOME/etc/hadoop/yarn-site.xml (DataNode)

|  |  |
| --- | --- |
|  | <?xml version="1.0"?>  <configuration>  <!-- Site specific YARN configuration properties -->  <property>  <name>yarn.resourcemanager.hostname</name>  <value>master</value>  </property>  </configuration> |

$ vi $HADOOP\_HOME/etc/hadoop/hdfs-site.xml (SecondaryNameNode)

|  |  |
| --- | --- |
|  | <?xml version="1.0"?>  <?xml-stylesheet type="text/xsl" href="configuration.xsl"?>  <configuration>  <property>  <name>dfs.namenode.checkpoint.dir</name>  <value>file:///dfs/namesecondary</value>  </property>  </configuration> |