

Properties for Hadoop_NameNode(NN)

Parameter	Description	Type	Catalog Value	Blueprint Value
INSTALL_PATH	Path for installing Hadoop Cluster package.	String	/home/hadoop/project	
DOWNLOAD_URL	URL to download Hadoop tar file	String	http://mirror.nyi.net/apache/hadoop/core/hadoop-0.20.203.0/hadoop-0.20.203.0rc1.tar.gz	
SELFIP	Machine's IP	String		self:ip
JOBTRACKER	IP of the JobTracker Machine	String		JT:ip
USER_NAME	User's name for Hadoop Installation	String	hadoop	
GROUP_NAME	User's Group used for Hadoop Installation	String	hadoop	
PASSWORD	Password of Hadoop user	String		
SLAVEIPS	IP array of slaves (DataNodes) for NameNode	Array		all(DN:ip)
TASKTRACKER	IP array of TaskTracker Machines.	Array		all(TT:ip)
DFS_REPLICATION	To specify actual number of replications of Blocks	String	2	

Properties for Hadoop_DataNode(DN)

Parameter	Description	Type	Catalog Value	Blueprint Value
INSTALL_PATH	Path for installing Hadoop Cluster package.	String	/home/hadoop/project	NN:Hadoop_NameNode:INSTALL_PATH
DOWNLOAD_URL	URL to download Hadoop tar file	String	http://mirror.nyi.net/apache/hadoop/core/hadoop-0.20.203.0/hadoop-0.20.203.0rc1.tar.gz	
SELFIP	Machine's IP	String		self:ip
NAMENODE	IP of NameNode machine			NN:ip
JOBTRACKER	IP of the JobTracker Machine			JT:ip
USER_NAME	User's name for Hadoop Installation	String	hadoop	NN:Hadoop_NameNode:USER_NAME
GROUP_NAME	User's Group used for Hadoop Installation	String	hadoop	NN:Hadoop_NameNode:GROUP_NAME
PASSWORD	Password of Hadoop user	String		NN:Hadoop_NameNode:PASSWORD
SLAVEIPS	IP array of all DataNode Machines.			all(DN:ip)
DFS_REPLICATION	To specify actual number of replications of Blocks	String	2	

Properties for Hadoop_JobTracker

Parameter	Description	Type	Catalog Value	Blueprint Value
INSTALL_PATH	Path for installing Hadoop Cluster package.	String	/home/hadoop/project	NN:Hadoop_NameNode:INSTALL_PATH
DOWNLOAD_URL	URL to download Hadoop tar file	String	http://mirror.nyi.net/apache/hadoop/core/hadoop-0.20.203.0/hadoop-0.20.203.0rc1.tar.gz	
SELFIP	Machine's IP	String		self:ip
NAMENODEIP	IP of NameNode machine	String		NN:ip
USER_NAME	User's name for Hadoop Installation	String	hadoop	NN:Hadoop_NameNode:USER_NAME
GROUP_NAME	User's Group used for Hadoop Installation	String	hadoop	NN:Hadoop_NameNode:GROUP_NAME
PASSWORD	Password of Hadoop user	String		NN:Hadoop_NameNode:PASSWORD
DATANODE	IP array of DataNode Machines.			all(DN:ip)
SLAVEIPS	IP array of slaves (TaskTracker) for JobTracker			all(TT:ip)
DFS_REPLICATION	To specify actual number of replications of Blocks	String	2	

Properties for Hadoop_TaskTracker

Parameter	Description	Type	Catalog Value	Blueprint Value
INSTALL_PATH	Path for installing Hadoop Cluster package.	String	/home/hadoop/project	NN:Hadoop_NameNode:INSTALL_PATH
DOWNLOAD_URL	URL to download Hadoop tar file	String	http://mirror.nyi.net/apache/hadoop/core/hadoop-0.20.203.0/hadoop-0.20.203.0rc1.tar.gz	
SELFIP	Machine's IP	String		self:ip
DATANODE	IP of Datanode machine	String		all(DN:ip)
JOBTRACKER	IP of the JobTracker Machine	String		JT:ip
NAMENODE	IP of the NameNode Machine	String		NN:ip
USER_NAME	User's name for Hadoop Installation	String	hadoop	NN:Hadoop_NameNode:USER_NAME

GROUP_NAME	User's Group used for Hadoop Installation	String	hadoop	NN:Hadoop_NameNode:GROUP_NAME
PASSWORD	Password of Hadoop user	String		NN:Hadoop_NameNode:PASSWORD
SLAVEIPS	IP array of slaves (DataNodes) for NameNode			all(TT:ip)
DFS_REPLICATION	To specify actual number of replications of Blocks	String	2	

Properties for Hadoop_Sync_DataNode

Parameter	Description	Type	Catalog Value	Blueprint Value
TASKTRACKER_IPS	IP array of allTaskTracker Machines.	Array		all(TT:ip)
DATANODE_IPS	IP array of all DataNode Machines.	Array		all(DN:ip)
DATA_HOSTS	Array of HostName of all DataNodes.	Array		all(DN:Hadoop_DataNode:HOST_NAME)
TASK_HOSTS	Array of HostName of all TaskTracker.	Array		all(TT:Hadoop_TaskTracker:HOST_NAME)

Properties for Hadoop_Sync_TaskTracker

Parameter	Description	Type	Catalog Value	Blueprint Value
TASKTRACKER_IPS	IP array of allTaskTracker Machines.	Array		all(TT:ip)
DATANODE_IPS	IP array of all DataNode Machines.	Array		all(DN:ip)
DATA_HOSTS	Array of HostName of all DataNodes.	Array		all(DN:Hadoop_DataNode:HOST_NAME)
TASK_HOSTS	Array of HostName of allTaskTracker.	Array		all(TT:Hadoop_TaskTracker:HOST_NAME)

Properties for tc_Server

Parameter	Description	Type	Catalog Value	Blueprint Value
install_path	Installation path	String	/opt/vmware/darwin/tcserver	
tcserver_package	URL to download tcserver package	Content	http://\${darwin.server.ip}/artifacts/services/tcserver/tc-server-standard-2.1.0.RELEASE.tar.gz	
installer	URL to download installer package	Content	http://\${darwin.server.ip}/artifacts/services/tcserver/installer	
instance_name	Name of the instance to create. Leave empty to skip creating an instance.	String	instance1	
automatically_start	Automatically start the instance once the instal is done? Set to YES or NO.	String	YES	
JVM_ROUTE	The JVM route for the Catalina engine. This is used for session affinity.	String	0	
use_ajp	Enable this when configuring proxy to Tomcat instance that is using AJP. Set to YES or NO.	String	NO	
global_conf	URL to download Darwin global configuration for each node	Content	https://\${darwin.server.ip}:8443/darwin/conf/darwin_global.conf	
war		String	10.150.118.52:/share/mount/HadoopDemoApp.war	
jobsh		String	10.150.118.52:/share/mount/job.sh	
NFSPATH	Path for NFS	String	10.150.118.52:/share/mount	
selfip		String		self:ip
service_start		String	Read-only command to start the service to be a hint to use. The value will be set during installation time.	
service_stop		String	Read-only command to stop the service to be a hint to use. The value will be set during installation time.	
service_restart		String	Read-only command to restart the service to be a hint to use. The value will be set during installation time.	
instance_dir		String	Read-only instance directory that will be created. The service will set the value during installation.	

webapps_dir		String	Read-only Path to the webapps directory. The service will set the value at installation time.	
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