

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)
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
host_name	(Read-only) host name of the machine. This field will be filled when the service starts.			
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
namenode	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
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
host_name	(Read-only) host name of the machine. This field will be filled when the service starts.	String		
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:u ser_name
group_name	User's Group used for Hadoop Installation	String	hadoop	NN:Hadoop_ NameNode:gr oup_name
password	Password of Hadoop user	String		NN:Hadoop_ NameNode:p assword
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	IP array of allTaskTracker Machines.	Array		all(TT:ip)
datanode	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	IP array of allTaskTracker Machines.	Array		all(TT:ip)
datanode	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	
nfs_path	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.	