



# Hadoop Installation in Windows

@void\_io

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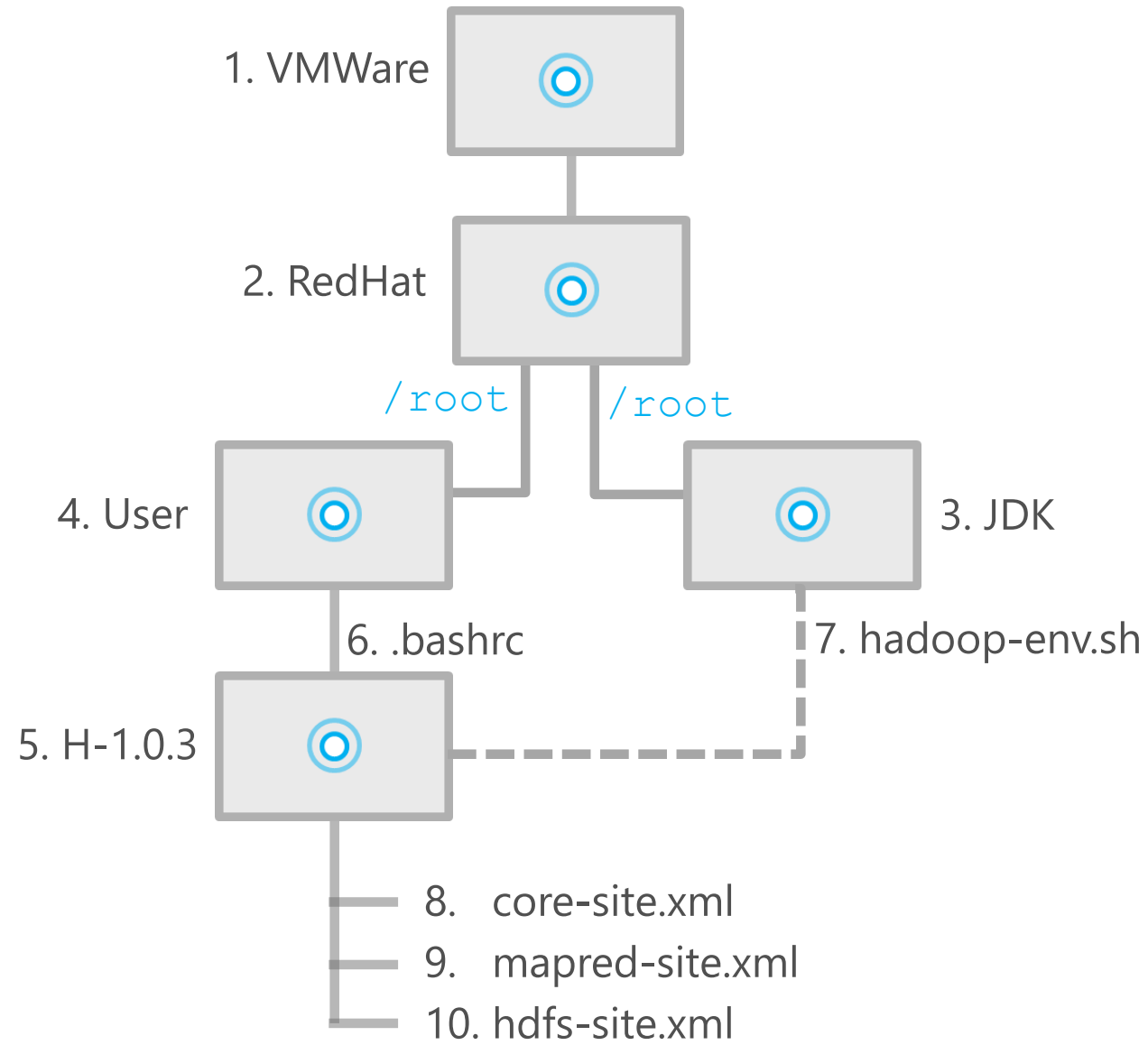
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Building Path

# Process



# Steps

1. Install VMware
2. Install Redhat Linux in VMware
3. Login to User  
    username `root`  
    password `sasi`
4. Copy JDK file to root home directory
5. execute JDK file  
    `#./JDK`
6. Add a user  
    `useradd voidio`  
    `passwd voidio`  
    enter password `voidio`  
    `reboot`
7. Now login as user,  
    `cp hadoop-1.0.3` (software to home directory)  
    `tar -xzvf hadoop-1.0.3`

```
8. gedit .bashrc
# .bashrc
# Source global definitions
if [ -f /etc/bashrc ]; then
. /etc/bashrc
fi
# User specific aliases and functions
#JAVA paths
export
JAVA_HOME=/usr/java/jdk1.6.0_39
export PATH=$PATH:$JAVA_HOME/bin
#HDFS paths
export
HADOOP_HOME=/home/sohrab/hadoop-1.0.3
export HADOOP_LIB=$HADOOP_HOME/lib
```

# Steps

9. `hadoop/conf $ gedit hadoop-env.sh`

```
#JAVA paths
```

```
export
```

```
JAVA_HOME=/usr/java/jdk1.6.0_39
```

10. `hadoop/conf $ gedit core-site.xml`

```
<?xml version="1.0"?>
```

```
<?xml-stylesheet type="text/xsl"
```

```
href="configuration.xsl"?>
```

```
<!-- Put site-specific property
```

```
overrides in this file. -->
```

```
<configuration><property>
```

```
<name>hadoop.tmp.dir</name>
```

```
<value>/home/sohrab/hadoop_test</value>
```

```
</property>
```

```
<property>
```

```
<name>fs.default.name</name>
```

```
<value>hdfs://localhost:54310</value>
```

```
>
```

```
</property></configuration>
```

11. `hadoop/conf $ gedit mapred-site.xml`

```
<configuration><property>
```

```
<name>mapred.job.tracker</name>
```

```
<value>localhost:54311</value>
```

```
</property></configuration>
```

12. `hadoop/conf $ gedit hdfs-site.xml`

```
<configuration><property>
```

```
<name>dfs.replication</name>
```

```
<value>1</value>
```

```
</property></configuration>
```

13. `hadoop $ bin/hadoop namenode -format`

14. `hadoop$bin/hadoop start-all.sh`

Thank you 😊

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