

WildFly 18.0.1 Final POC

Summary

Customer requesting APM agents deployed for WildFly 18 cluster configuration.

Master/Domain Controller

ManagementRealm

user: admin

pswd:

mgmt: `<secret value="ZWlQdXNoZXI0MiE=" />`

ApplicationRealm

user: demo

pswd:

mgmt: `<secret value="Q0B3aWx5YXBtOTA=" />`

SlaveRealm

user: slave

pswd:

mgmt: `<secret value="Q0B3aWx5YXBtOTA=" />`

Configuration

domain.conf

domain.xml

NOTE: you do not need to specify the agentName per server or server group. The autonaming feature of the agent will pick this up from the configuration.

```
<server-group name="main-server-group" profile="full">
  <jvm name="default">
    <heap size="1000m" max-size="1000m"/>
    <jvm-options>
      <option value="-
Djava.util.logging.manager=org.jboss.logmanager.LogManager"/>
      <option value="-Xbootclasspath/p:$JBOSS_HOME/jboss-
modules.jar:$JBOSS_HOME/modules/system/layers/base/org/jboss/log4j/logmana
ger/main/log4j-jboss-logmanager-
1.2.0.Final.jar:$JBOSS_HOME/modules/system/layers/base/org/jboss/logmanag
er/main/jboss-logmanager-2.1.14.Final.jar"/>
      <option value="-
javaagent:/opt/tools/introscope/wily/Agent.jar"/>
    </jvm-options>
  </jvm>
</server-group>
```

```

        <option value="-Dintroscope.agent.customProcessName=DEMO" />
        <option value="-DagentManager.url.1=apm-em.example.com:5001" />
    </jvm-options>
</jvm>
    <socket-binding-group ref="full-sockets" />
</server-group>

```

host.xml

Startup

```
./domain.sh -bmanagement=10.49.145.8 --domain-config=domain.xml --host-config=host-
master.xml
```

Slave/Host Controller

Ensure `domain.sh` (or your startup script) calls `domain.conf` (or your JVM arguments file)

Configuration

domain.conf

```

if [ "x$JBOSS_MODULES_SYSTEM_PKGS" = "x" ]; then

JBOSS_MODULES_SYSTEM_PKGS="org.jboss.byteman,org.jboss.logmanager.*,com.wi
ly,com.wily.*"
fi

...

if [ "x$JAVA_OPTS" = "x" ]; then
    JAVA_OPTS="-Xms64m -Xmx512m -XX:MaxPermSize=256m -
Djava.net.preferIPv4Stack=true"
    JAVA_OPTS="$JAVA_OPTS -
Djboss.modules.system.pkgs=$JBOSS_MODULES_SYSTEM_PKGS -
Djava.awt.headless=true"
    JAVA_OPTS="$JAVA_OPTS -Djboss.modules.policy-permissions=true"
else
    echo "JAVA_OPTS already set in environment; overriding default settings
with values: $JAVA_OPTS"
fi

```

domain.xml

host.xml

```

<host xmlns="urn:jboss:domain:10.0" name="slave">
...
  <management>
    <security-realms>
      <security-realm name="ManagementRealm">
        <server-identities>
          <secret value="Q0B3aWx5YXBtOTA=" />
        </server-identities>
      </security-realm>
    </security-realms>
  </management>
...
  <domain-controller>
    <remote protocol="remote+http" host="10.49.145.8" port="9990"
username="slave" security-realm="ManagementRealm"/>
    <!-- <remote security-realm="ManagementRealm">
      <discovery-options>
        <static-discovery name="primary"
protocol="${jboss.domain.master.protocol:remote+http}"
host="${jboss.domain.master.address}"
port="${jboss.domain.master.port:9990}"/>
      </discovery-options>
    </remote> -->
  </domain-controller>

```

Startup

```
./domain.sh --domain-config=domain.xml --host-config=host-slave.xml
```