

TP JBOSS-CLI

Sur jboss que vous avez déjà installé :

1- Donner le mode de fonctionnement de WildFly ?

mode 'standalone'

mode 'domain'

```
root@vps-a44da87a:/opt/wildfly# ll
total 584
drwxr-xr-x 11 wildfly wildfly 4096 Jun 16 21:47 ./
drwxr-xr-x 3 root root 4096 Nov 20 10:40 ../
drwxr-xr-x 2 wildfly wildfly 4096 Jun 16 21:47 .installation/
drwxr-xr-x 3 wildfly wildfly 4096 Jun 16 21:47 .well-known/
-rw-r--r-- 1 wildfly wildfly 26530 Jun 16 21:47 LICENSE.txt
-rw-r--r-- 1 wildfly wildfly 2162 Jun 16 21:47 README.txt
drwxr-xr-x 3 wildfly wildfly 4096 Jun 16 21:47 appclient/
drwxr-xr-x 3 wildfly wildfly 4096 Nov 20 14:59 bin/
-rw-r--r-- 1 wildfly wildfly 19358 Jun 16 21:47 copyright.txt
drwxr-xr-x 6 wildfly wildfly 4096 Jun 16 21:47 docs/
drwxr-xr-x 4 wildfly wildfly 4096 Jun 16 21:47 domain/
-rw-r--r-- 1 wildfly wildfly 497210 Jun 16 21:47 jboss-modules.jar
drwxr-xr-x 3 wildfly wildfly 4096 Jun 16 21:47 modules/
drwxr-xr-x 8 wildfly wildfly 4096 Nov 20 10:58 standalone/
drwxr-xr-x 2 wildfly wildfly 4096 Nov 20 10:11 welcome-content/
root@vps-a44da87a:/opt/wildfly#
```

2- Quelles sont les fichiers de configuration de chaque mode, avec le chemin

complet et donner le détail de chaque fichier ?

2.1 mode domain

```
root@vps-a44da87a:/opt/wildfly/domain/configuration# ll
total 200
drwxr-xr-x 2 wildfly wildfly 4096 Nov 20 10:11 ./
drwxr-xr-x 4 wildfly wildfly 4096 Jun 16 21:47 ../
-rw-r--r-- 1 wildfly wildfly 710 Jun 16 21:47 application-roles.properties
-rw-r--r-- 1 wildfly wildfly 934 Jun 16 21:47 application-users.properties
-rw-rw-r-- 1 wildfly wildfly 1528 Jun 16 21:47 default-server-logging.properties
-rw-r--r-- 1 wildfly wildfly 133960 Jun 16 21:47 domain.xml
-rw-r--r-- 1 wildfly wildfly 8514 Jun 16 21:47 host-master.xml
-rw-r--r-- 1 wildfly wildfly 9283 Jun 16 21:47 host-slave.xml
-rw-r--r-- 1 wildfly wildfly 9092 Jun 16 21:47 host.xml
-rw-rw-r-- 1 wildfly wildfly 2328 Jun 16 21:47 logging.properties
-rw-r--r-- 1 wildfly wildfly 676 Nov 20 13:34 mgmt-groups.properties
-rw-r--r-- 1 wildfly wildfly 1144 Nov 20 13:34 mgmt-users.properties
```

domain.xml : EAP_HOME/domain/configuration/domain.xml : Il s'agit du fichier de configuration principal d'un domaine géré. Seul le master du domaine lit ce fichier. Il peut être supprimé pour les autres membres du domaine.

host.xml : `EAP_HOME/domain/configuration/host.xml` : Ce fichier contient les détails de configuration spécifiques à un hôte physique dans un domaine géré, tels que les interfaces réseau, les liaisons de sockets, le nom de l'hôte et d'autres détails spécifiques à l'hôte. Le fichier host.xml contient toutes les fonctionnalités de hôte-master.xml et hôte-slave.xml.

host-master.xml : `AP_HOME/domain/configuration/host-master.xml` : Ce fichier inclut tous les détails de configuration nécessaires pour exécuter un serveur en tant que serveur maître de domaine géré. Ce fichier n'est pas présent dans les serveurs autonomes.

host-slave.xml : `EAP_HOME/domain/configuration/host-slave.xml` : Ce fichier inclut tous les détails de configuration nécessaires pour exécuter un serveur en tant que serveur esclave de domaine géré. Ce fichier n'est pas présent dans les serveurs autonomes.

2.2 : mode standalone

```
root@vps-a44da87a:/opt/wildfly/standalone/configuration# ll
total 240
drwxr-xr-x 3 wildfly wildfly 4096 Nov 20 15:19 ./
drwxr-xr-x 8 wildfly wildfly 4096 Nov 20 10:58 ../
-rw-r--r-- 1 wildfly wildfly 711 Jun 16 21:47 application-roles.properties
-rw-r--r-- 1 wildfly wildfly 935 Jun 16 21:47 application-users.properties
-rw-r--r-- 1 wildfly wildfly 2383 Nov 20 13:09 application.keystore
-rw-rw-r-- 1 wildfly wildfly 1666 Nov 20 13:24 logging.properties
-rw-r--r-- 1 wildfly wildfly 676 Nov 20 13:34 mgmt-groups.properties
-rw-r--r-- 1 wildfly wildfly 1150 Nov 20 13:34 mgmt-users.properties
-rw-r--r-- 1 wildfly wildfly 38841 Jun 16 21:47 standalone-full-ha.xml
-rw-r--r-- 1 wildfly wildfly 34139 Jun 16 21:47 standalone-full.xml
-rw-r--r-- 1 wildfly wildfly 34927 Jun 16 21:47 standalone-ha.xml
-rw-r--r-- 1 wildfly wildfly 7014 Jun 16 21:47 standalone-load-balancer.xml
-rw-r--r-- 1 wildfly wildfly 26387 Jun 16 21:47 standalone-microprofile-ha.xml
-rw-r--r-- 1 wildfly wildfly 23463 Jun 16 21:47 standalone-microprofile.xml
-rw-r--r-- 1 wildfly wildfly 31154 Nov 20 15:13 standalone.xml
drwxr-xr-x 4 wildfly wildfly 4096 Nov 20 15:13 standalone.xml_history/
root@vps-a44da87a:/opt/wildfly/standalone/configuration#
```

standalone.xml : `EAP_HOME/standalone/configuration/standalone.xml` : C'est le fichier de configuration par défaut pour un serveur autonome. Il contient toutes les informations sur le serveur autonome, y compris les sous-systèmes, réseautage, déploiements, les liaisons de sockets et autres détails configurables. Cette configuration est utilisée automatiquement lorsque vous démarrez votre serveur autonome.

standalone-full.xml : `EAP_HOME/standalone/configuration/standalone-full.xml` : Il s'agit d'un exemple de configuration pour un serveur autonome. Il prend en charge chaque sous-système possible à l'exception de ceux destinés à la haute disponibilité. Pour l'utiliser, arrêtez votre serveur et redémarrez à l'aide de la commande suivante : `EAP_HOME/bin/standalone.sh -c standalone-full.xml`

standalone-ha.xml : `EAP_HOME/standalone/configuration/standalone-ha.xml` : Cet exemple de fichier de configuration active tous les sous-systèmes par défaut et ajoute les `mod_cluster` et les sous-systèmes JGroups pour un serveur autonome, afin qu'il puisse participer à un cluster de haute disponibilité ou d'équilibrage de la charge. Ce fichier n'est pas applicable à un domaine géré. Pour utiliser cette configuration, arrêtez votre serveur et redémarrez le à l'aide de la commande suivante :

```
EAP_HOME/bin/standalone.sh -c standalone-ha.xml
```

standalone-full-ha.xml : `EAP_HOME/standalone/configuration/standalone-full-ha.xml` : Il s'agit d'un exemple de configuration pour un serveur autonome. Il prend en charge chaque sous-système possible incluant ceux destinés à la haute disponibilité. Pour l'utiliser, arrêtez votre serveur et redémarrez à l'aide de la commande suivante :

```
EAP_HOME/bin/standalone.sh -c standalone-full-ha.xml
```

3- Comment faire pour démarrer chaque mode ?

En mode standalone :

Aller dans : `/opt/wildfly/bin#`

Exécuter le script : `./standalone.sh`

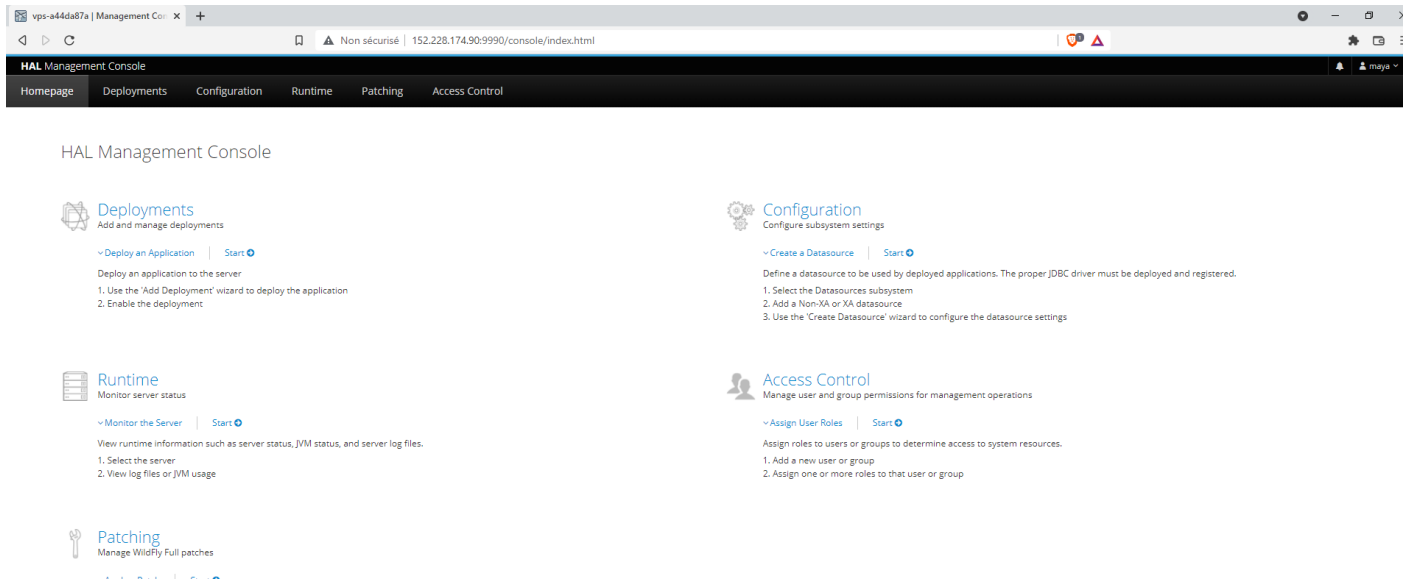
```
root@vps-a44da87a:/opt/wildfly/bin# ./standalone.sh
=====
JBoss Bootstrap Environment

JBOSS_HOME: /opt/wildfly

JAVA: java

JAVA_OPTS: -server -Xms64m -Xmx512m -XX:MetaspaceSize=96m -XX:MaxMetaspaceSize=256m -Djava.net.preferIPv4Stack=true -Djboss.modules.system.pkgs=org.jboss.byteman -Djava.awt.headless=true --add-exports=java.d
esktop/sun.awt=ALL-UNNAMED --add-exports=java.naming/com.sun.jndi.ldap=ALL-UNNAMED --add-opens=java.base/java.lang=ALL-UNNAMED --add-opens=java.base/java.lang.invoke=ALL-UNNAMED --add-opens=java.base/java.io=ALL
-UNNAMED --add-opens=java.base/java.security=ALL-UNNAMED --add-opens=java.base/java.util=ALL-UNNAMED --add-opens=java.management/javax.management=ALL-UNNAMED --add-opens=java.naming/javax.naming=ALL-UNNAMED
=====

18:00:02,105 INFO [org.jboss.modules] (main) JBoss Modules version 1.11.0.Final
18:00:03,474 INFO [org.jboss.msc] (main) JBoss MSC version 1.4.12.Final
18:00:03,499 INFO [org.jboss.threads] (main) JBoss Threads version 2.4.0.Final
18:00:03,799 INFO [org.jboss.as] (MSC service thread 1-2) WFLYSRV0049: WildFly Full 24.0.0.Final (WildFly Core 16.0.0.Final) starting
18:00:06,089 INFO [org.wildfly.security] (ServerService Thread Pool -- 28) ELY00001: WildFly Elytron version 1.16.0.Final
18:00:07,024 INFO [org.jboss.as.controller.management-deprecated] (ServerService Thread Pool -- 13) WFLYCTL0033: Extension 'security' is deprecated and may not be supported in future versions
18:00:07,832 INFO [org.jboss.as.controller.management-deprecated] (Controller Boot Thread) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/core-service=management/management-interface=http-
interface' is deprecated, and may be removed in a future version. See the attribute description in the output of the read-resource-description operation to learn more about the deprecation.
18:00:07,964 INFO [org.jboss.as.controller.management-deprecated] (ServerService Thread Pool -- 11) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/subsystem=undertow/server=default-server/
https-listener=https' is deprecated, and may be removed in a future version. See the attribute description in the output of the read-resource-description operation to learn more about the deprecation.
18:00:08,590 INFO [org.jboss.as.server] (Controller Boot Thread) WFLYSRV0039: Creating http management service using socket-binding (management-http)
18:00:08,638 INFO [org.xnio] (MSC service thread 1-2) XNIO version 3.8.4.Final
18:00:08,670 INFO [org.xnio.nio] (MSC service thread 1-2) XNIO NIO Implementation Version 3.8.4.Final
18:00:08,799 INFO [org.jboss.remoting] (MSC service thread 1-2) JBoss Remoting version 5.0.23.Final
18:00:08,917 INFO [org.jboss.as.security] (ServerService Thread Pool -- 72) WFLYSEC0002: Activating Security Subsystem
18:00:08,910 WARN [org.jboss.as.txn] (ServerService Thread Pool -- 74) WFLYTX0013: The node-identifier attribute on the /subsystem=transactions is set to the default value. This is a danger for environments run
```



En mode Domain :

Aller dans : `/opt/wildfly/bin#`

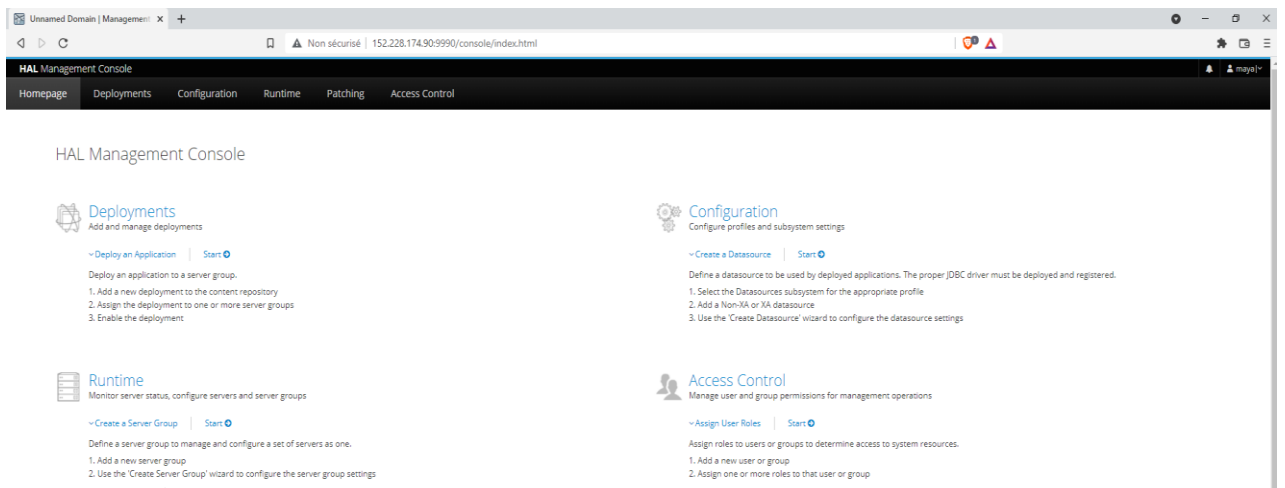
Executer : `./domain.sh`

```
root@vps-a44da87a: /opt/wildfly/bin# ./domain.sh -b 152.228.174.90 -bmanagement 152.228.174.90

JBoss Bootstrap Environment
JBoss_HOME: /opt/wildfly
JAVA: java

JAVA_OPTS: -server -Xms64m -Xmx512m -XX:MaxMetaspaceSize=256m -Djava.net.preferIPv4Stack=true -Djboss.modules.system.pkgs=org.jboss.byteman -Djava.awt.headless=true --add-exports=java.desktop/sun.awt=ALL-UNNAMED --add-exports=java.naming/com.sun.jndi.ldap=ALL-UNNAMED --add-opens=java.base/java.lang.invoke=ALL-UNNAMED --add-opens=java.base/java.io=ALL-UNNAMED --add-opens=java.base/java.security=ALL-UNNAMED --add-opens=java.base/java.util=ALL-UNNAMED --add-opens=java.management/javax.management=ALL-UNNAMED --add-opens=java.naming/javax.naming=ALL-UNNAMED

18:16:37,549 INFO [org.jboss.modules] (main) JBoss Modules version 1.11.0.Final
18:16:38,339 INFO [org.jboss.threads] (main) JBoss Threads version 2.4.0.Final
18:16:38,363 INFO [org.jboss.as.process.Host Controller.status] (main) WFLYPCB018: Starting process 'Host Controller'
[Host Controller] 18:16:39,498 INFO [org.jboss.modules] (main) JBoss Modules version 1.11.0.Final
[Host Controller] 18:16:40,747 INFO [org.jboss.msc] (main) JBoss MSC version 1.4.12.Final
[Host Controller] 18:16:40,771 INFO [org.jboss.threads] (main) JBoss Threads version 2.4.0.Final
[Host Controller] 18:16:40,909 INFO [org.jboss.as] (MSC service thread 1-2) WFLYSRV0049: WildFly Full 24.0.0.Final (WildFly Core 16.0.0.Final) starting
[Host Controller] 18:16:42,068 INFO [org.wildfly.security] (Host Controller Service Threads - 4) ELY00001: WildFly Elytron version 1.16.0.Final
[Host Controller] 18:16:42,966 INFO [org.jboss.as.controller.management-deprecated] (Controller Boot Thread) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/host=master/core-service=management/management-interface=http-interface' is deprecated, and may be removed in a future version. See the attribute description in the output of the read-resource-description operation to learn more about the deprecation.
[Host Controller] 18:16:43,096 INFO [org.jboss.as.host.controller] (Controller Boot Thread) WFLYHC0003: Creating http management service using network interface (management) port (9999) securePort (-1)
[Host Controller] 18:16:43,143 INFO [org.xnio] (MSC service thread 1-1) XNIO version 3.8.4.Final
[Host Controller] 18:16:43,173 INFO [org.xnio.nio] (MSC service thread 1-1) XNIO NIO Implementation Version 3.8.4.Final
[Host Controller] 18:16:43,246 INFO [org.jboss.remoting] (MSC service thread 1-1) JBoss Remoting version 5.0.23.Final
[Host Controller] 18:16:43,430 INFO [org.jboss.as.patching] (MSC service thread 1-2) WFLYPAT0050: WildFly Full cumulative patch ID is: base, one-off patches include: none
[Host Controller] 18:16:43,519 WARN [org.jboss.as.domain.management.security] (MSC service thread 1-2) WFLYDM0111: Keystore /opt/wildfly/domain/configuration/application.keystore not found, it will be auto generated on first use with a self signed certificate for host localhost
[Host Controller] 18:16:45,724 INFO [org.jboss.as.controller.management-deprecated] (Host Controller Service Threads - 3) WFLYCTL0033: Extension 'security' is deprecated and may not be supported in future versions
[Host Controller] 18:16:46,810 INFO [org.jboss.as.controller.management-deprecated] (Controller Boot Thread) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/profile=default/subsystem=undertow/server=default-server/https-listener=https' is deprecated, and may be removed in a future version. See the attribute description in the output of the read-resource-description operation to learn more about the deprecation.
[Host Controller] 18:16:46,928 INFO [org.jboss.as.controller.management-deprecated] (Controller Boot Thread) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/profile=ha/subsystem=undertow/server=default-server/https-listener=https' is deprecated, and may be removed in a future version. See the attribute description in the output of the read-resource-description operation to learn more about the deprecation.
[Host Controller] 18:16:46,996 INFO [org.jboss.as.controller.management-deprecated] (Controller Boot Thread) WFLYCTL0028: Attribute 'security-realm' in the resource at address '/profile=full/subsystem=undertow/
```



4- Connecter sur la console (cli) de serveur JBoss.

```
root@vps-a44da87a:/opt/wildfly/bin# ./jboss-cli.sh --connect
[standalone@152.228.174.90:9990 /]
```

5- Connecter sur la console d'un autre serveur WildFly.

6- Donner la syntaxe pour obtenir de l'aide sur une commande CLI.

```
[standalone@152.228.174.90:9990 /] help --commands
Commands available in the current context:
attachment      deployment disable
batch            deployment disable-all
cd               deployment enable
clear            deployment enable-all
command          deployment info
command-timeout  deployment list
connect          deployment undeploy
connection-info  deployment undeploy-cli-archive
data-source      deployment-info
deploy           deployment-overlay
deployment deploy-cli-archive
deployment deploy-file
deployment deploy-url
                echo
                echo-dmr
                for
                grep
                help
                history
                if
                jdbc-driver-info
                ls
                module
                patch apply
                patch history
                patch info
                patch inspect
                pwd
                quit
                read-attribute
                read-operation
                reload
                run-batch
                security disable-http-auth-http-server
                security disable-http-auth-management
                security disable-sasl-management
                security disable-ssl-http-server
                security disable-ssl-management
                security enable-http-auth-http-server
                security enable-http-auth-management
                security enable-sasl-management
                security enable-ssl-http-server
                security enable-ssl-management
                security reorder-sasl-management
                set
                shutdown
                try
                undeploy
                unset
                version
                xa-data-source
To read a description of a specific command execute 'help <command name>'.
```

7- Donner la syntaxe pour avoir de l'aide sur une opération.

:+ la touche tabulation

```
[standalone@152.228.174.90:9990 /] :
add-namespace    list-clear      map-remove      read-children-resources  reload          shutdown        validate-address
add-schema-location list-get        product-info     read-children-types      remove-namespace suspend         validate-operation
clean-obsolete-content list-remove     query           read-config-as-xml       remove-schema-location take-snapshot   whoami
composite         list-snapshots read-attribute    read-operation-description replace-deployment  undefine-attribute write-attribute
delete-snapshot   map-clear       read-attribute-group read-operation-names     resolve-expression  upload-deployment-bytes write-config
full-replace-deployment map-get         read-attribute-group-names read-resource            resolve-internet-address upload-deployment-stream
list-add          map-put         read-children-names read-resource-description resume             upload-deployment-url
[standalone@152.228.174.90:9990 /]
```

```

[standalone@152.228.174.90:9990 /] :read-operation-names
{
  "outcome" => "success",
  "result" => [
    "add-namespace",
    "add-schema-location",
    "clean-obsolete-content",
    "composite",
    "delete-snapshot",
    "full-replace-deployment",
    "list-add",
    "list-clear",
    "list-get",
    "list-remove",
    "list-snapshots",
    "map-clear",
    "map-get",
    "map-put",
    "map-remove",
    "product-info",
    "query",
    "read-attribute",
    "read-attribute-group",
    "read-attribute-group-names",
    "read-children-names",
    "read-children-resources",
    "read-children-types",
    "read-config-as-xml",
    "read-operation-description",
    "read-operation-names",
    "read-resource",
    "read-resource-description",
    "reload",
    "remove-namespace",
    "remove-schema-location",
    "replace-deployment",
    "resolve-expression",
    "resolve-internet-address",
    "resume",
    "shutdown",
    "suspend",
    "take-snapshot",
    "undefine-attribute",
    "upload-deployment-bytes",
    "upload-deployment-stream",
    "upload-deployment-url",
    "validate-address",
    "validate-operation",
    "whoami",
    "write-attribute",
    "write-config"
  ]
}
[standalone@152.228.174.90:9990 /] █

```

8- Ajouter une datasource nommé (myDS) sur JBoss :

- Nom base de donne oracle : ofi
- User db : etl
- MDP : etl
- Host : svl2021
- Port : 1521

```

[standalone@152.228.174.90:9990 /] data-source add --name=myDS --jndi-name="java
:jboss/datasources/myDS" --connection-url="jdbc:mysql://svl2021:1521/ofi" --driv
er-name=h2 --user-name="etl" --password="etl"
[standalone@152.228.174.90:9990 /] █

```

Sur /opt/wildfly/standalone/configuration/standalone.xml

```

<datasources>
  <datasource jndi-name="java:jboss/datasources/ExampleDS" pool-name="ExampleDS" enabled="true" use-java-context="true" statistics-enabled="${wildfly.datasources.statistics-enabled:${wildfly.st
    <connection-url>jdbc:h2:mem:test;DB_CLOSE_DELAY=-1;DB_CLOSE_ON_EXIT=FALSE</connection-url>
    <driver>h2</driver>
    <security>
      <user-name>sa</user-name>
      <password>sa</password>
    </security>
  </datasource>
  <datasource jndi-name="java:jboss/datasources/MyDS2" pool-name="MyDS2">
    <connection-url>jdbc:mysql://localhost:3306/test</connection-url>
    <driver>h2</driver>
    <security>
      <user-name>sa</user-name>
      <password>sa</password>
    </security>
  </datasource>
  <datasource jndi-name="java:jboss/datasources/myDS" pool-name="myDS">
    <connection-url>jdbc:mysql://svl2021:1521/ofi</connection-url>
    <driver>h2</driver>
    <security>
      <user-name>etl</user-name>
      <password>etl</password>
    </security>
  </datasource>
</drivers>
  <driver name="h2" module="com.h2database.h2">
    <xa-datasource-class>org.h2.jdbcx.JdbcDataSource</xa-datasource-class>
  </driver>
</drivers>
</datasources>

```


9- Activer cette datasource.

```
[standalone@152.228.174.90:9990 /] /subsystem=datasources/data-source=myDS:enable
{
  "outcome" => "success",
  "response-headers" => {
    "warnings" => [{
      "warning" => "WFLYCTL0449: Operation enable against the resource at address /subsystem=datasources/data-source=myDS is deprecated, and it might be removed in future version. See the the output of the read-operation-description operation to learn more about the deprecation.",
      "level" => "WARNING",
      "operation" => {
        "address" => [
          ("subsystem" => "datasources"),
          ("data-source" => "myDS")
        ],
        "operation" => "enable"
      }
    ]},
  "operation-requires-reload" => true,
  "process-state" => "reload-required"
}
[standalone@152.228.174.90:9990 /] █
```

10- Lister les datasource

```
[standalone@152.228.174.90:9990 /] ls /subsystem=datasources/data-source
ExampleDS  MYDS2      myDS
```

11- Lire l'état du pool de connexion d'une datasource

```
[standalone@152.228.174.90:9990 /] /subsystem=datasources:read-resource(recursive=true)
{
  "outcome" => "success",
  "result" => {
    "data-source" => {
      "ExampleDS" => {
        "allocation-retry" => undefined,
        "allocation-retry-wait-millis" => undefined,
        "allow-multiple-users" => false,
        "authentication-context" => undefined,
        "background-validation" => undefined,
        "background-validation-millis" => undefined,
        "blocking-timeout-wait-millis" => undefined,
        "capacity-decrementer-class" => undefined,
        "capacity-decrementer-properties" => undefined,
        "capacity-incrementer-class" => undefined,
        "capacity-incrementer-properties" => undefined,
        "check-valid-connection-sql" => undefined,
        "connectable" => false,
        "connection-listener-class" => undefined,
        "connection-listener-property" => undefined,
        "connection-url" => "jdbc:h2:mem:test;DB_CLOSE_DELAY=-1;DB_CLOSE_ON_EXIT=FALSE",
        "credential-reference" => undefined,
        "datasource-class" => undefined,
        "driver-class" => undefined,
        "driver-name" => "h2",
        "elytron-enabled" => false,
        "enabled" => true,
        "enlistment-trace" => false,
        "exception-sorter-class-name" => undefined
      }
    }
  }
}
```

12- Comment Déployer une application avec JBoss-Cli

```
[standalone@152.228.174.90:9990 /] deploy "/home/ubuntu/struts2-mailreader-2.3.35.war"
[standalone@152.228.174.90:9990 /] █
```

Deployment (1)

Filter by: name or deployment status

struts2-mailreader-2.3.35.war

View

struts2-mailreader-2.3.35.war

The deployment **struts2-mailreader-2.3.35.war** is enabled and active. [Disable](#)

Main Attributes

Name:	struts2-mailreader-2.3.35.war
Runtime Name:	struts2-mailreader-2.3.35.war
Context Root:	/struts2-mailreader-2.3.35
Enabled, Managed, Exploded:	✓ ✓ ✗
Status:	OK
Last enabled at:	11/24/21, 8:56 PM
Last disabled at:	n/a

13- Comment Retirer une application avec JBoss-Cli.

```
[standalone@152.228.174.90:9990 /] cd deployment
[standalone@152.228.174.90:9990 deployment] ls
struts2-mailreader-2.3.35.war

[standalone@152.228.174.90:9990 deployment] undeploy
--headers --help --path -l struts2-mailreader-2.3.35.war
[standalone@152.228.174.90:9990 deployment] undeploy struts2-mailreader-2.3.35.war
[standalone@152.228.174.90:9990 deployment]
```

Link to the professional edition here: <https://mohaytermohatek.net>

Demarrer en mode domain :

```
ubuntu@vps-a44da87a:/opt/wildfly/bin$ ./jboss-cli.sh --connect
Authenticating against security realm: ManagementRealm
Username: maya
Password:
[domain@152.228.174.90:9990 /] █
```

14- Démarrer un serveur dans un domaine JBoss nommé (serveur-one)

```
[domain@152.228.174.90:9990 /] /host=master/server-config=server-one:start
{
  "outcome" => "success",
  "response-headers" => {"warnings" => [{
    "warning" => "WFLYCTL0449: Operation start against the resource at address /host=master/server-config=server-one is deprecated, and it might be removed in future version. See the the output of the read-operation-description operation to learn more about the deprecation.",
    "level" => "WARNING",
    "operation" => {
      "address" => [
        ("host" => "master"),
        ("server-config" => "server-one")
      ],
      "operation" => "start"
    }
  ]}},
  "result" => "STARTED"
}
```

```
[domain@152.228.174.90:9990 /] █
```


15- Arrêter ce serveur

```
[domain@152.228.174.90:9990 /] /host=master/server-config=server-one:stop
{
  "outcome" => "success",
  "response-headers" => {"warnings" => [{
    "warning" => "WFLYCTL0449: Operation stop against the resource at address /host=master/server-config=server-one is deprecated, and it might be removed in future version. See the the output of the read-operation-description operation to learn more about the deprecation.",
    "level" => "WARNING",
    "operation" => {
      "address" => [
        ("host" => "master"),
        ("server-config" => "server-one")
      ],
      "operation" => "stop"
    }
  ]}],
  "result" => "STOPPING"
}
```

```
[domain@152.228.174.90:9990 /] █
```

16- Déployer une application sur tous les serveurs du domaine

```
[domain@152.228.174.90:9990 /] deploy "/home/ubuntu/struts2-mailreader-2.3.35.war" --all-server-groups
[domain@152.228.174.90:9990 /] ls
core-service          profile                management-minor-version=0
deployment            server-group           name=Unnamed Domain
deployment-overlay    socket-binding-group   namespaces=[]
extension             system-property        process-type=Domain Controller
host                  domain-organization=undefined product-name=WildFly Full
host-exclude          launch-type=DOMAIN     product-version=24.0.0.Final
interface             local-host-name=master  release-codename=
management-client-content management-major-version=17 release-version=16.0.0.Final
path                  management-micro-version=0 schema-locations=[]

[domain@152.228.174.90:9990 /] cd deployment
[domain@152.228.174.90:9990 deployment] ls
struts2-mailreader-2.3.35.war

[domain@152.228.174.90:9990 deployment] █
```

17- Déployer une application sur certains groupes de serveurs(2 serveurs par exemple)

```
[domain@152.228.174.90:9990 deployment] deploy "/home/ubuntu/struts2-mailreader-2.3.35.war" --server-groups=master,slave
[domain@152.228.174.90:9990 deployment] ls
struts2-mailreader-2.3.35.war

[domain@152.228.174.90:9990 deployment] █
```

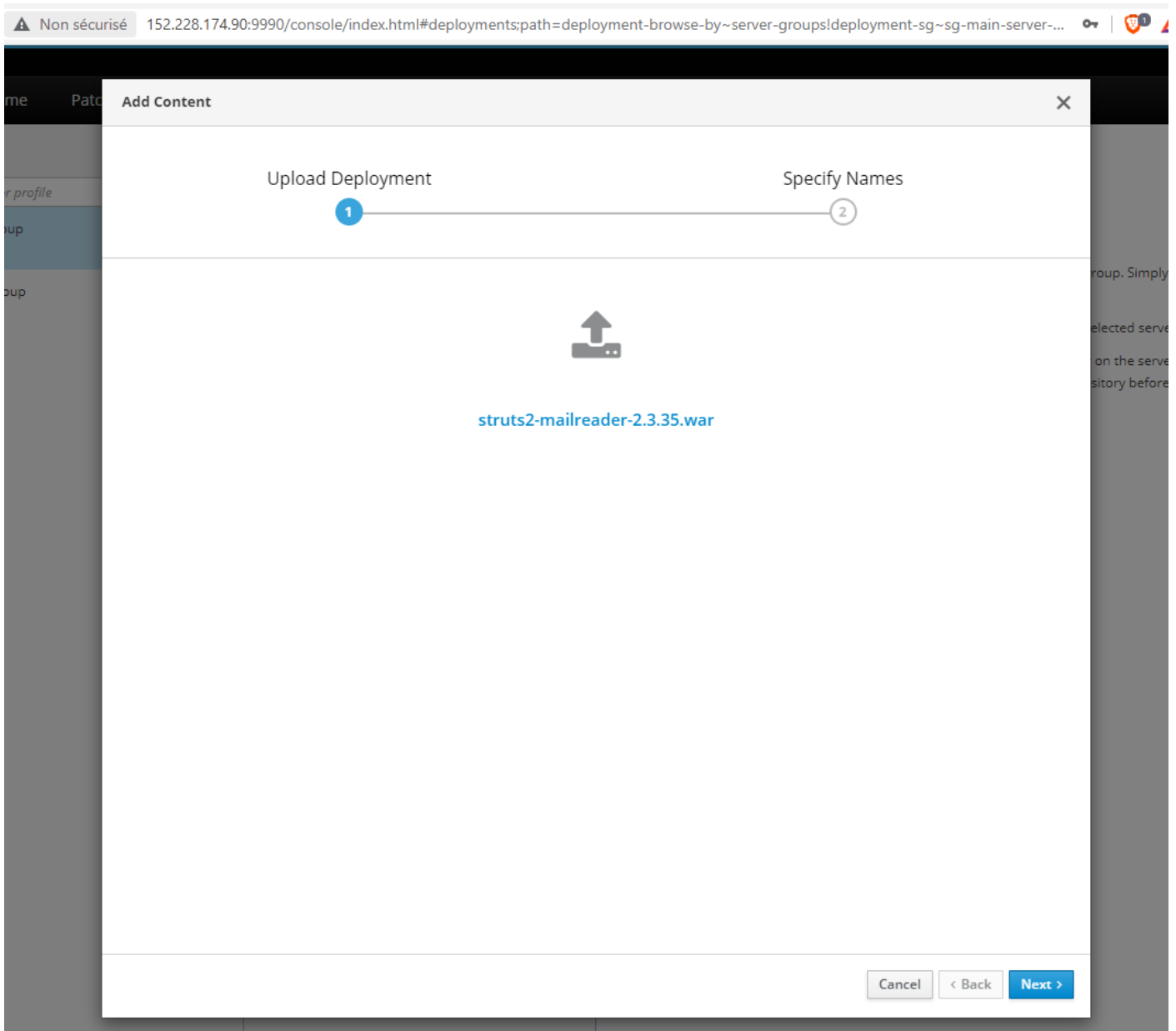
18- Retirer une application de tous les serveurs du domaine

```
[domain@152.228.174.90:9990 deployment] undeploy struts2-mailreader-2.3.35.war --all-relevant-server-groups
[domain@152.228.174.90:9990 deployment] ls
[domain@152.228.174.90:9990 deployment] █
```

19- Retirer une application de certains groupes de serveurs

```
[domain@152.228.174.90:9990 deployment] undeploy struts2-mailreader-2.3.35.war --server-groups=main-server-group
p
[domain@152.228.174.90:9990 deployment] ls
[domain@152.228.174.90:9990 deployment] █
```

20- Déploie une application de ton choix avec la console(interface graphique) jboss



Non sécurisé | 152.228.174.90:9990/console/index.html#deployments:path=deployment-browse-by~server-groups/deployment-sg~sg-main-server-...

tionRuntimePatchingAccess Control

Server Group	Deployment (1)
Filter by: name or profile	Filter
main-server-group full	✔ struts2-mailreader-2.3.35.war View
other-server-group full-ha	

struts2-mailreader-2.3.35.war

✔ The deployment **struts2-mailreader-2.3.35.war** is enabled and active. [Disable](#)
The runtime deployment information is gathered from server **server-two**.

Main Attributes

Name:	struts2-mailreader-2.3.35.war
Runtime Name:	struts2-mailreader-2.3.35.war
Context Root:	/struts2-mailreader-2.3.35
Provided by:	struts2-mailreader-2.3.35.war
Enabled, Managed:	✔ ✔
Status:	OK
Last enabled at:	11/26/21, 2:44 PM
Last disabled at:	n/a

Unnamed Domain | Management ConsoleMailReader Demonstration Application

◀▶↻Non sécurisé | 152.228.174.90:8230/struts2-mailreader-2.3.35/Welcome.do

MailReader Demonstration Application Options

- [Register with the MailReader Demonstration Application](#)
- [Log on to the MailReader Demonstration Application](#)

Language Options

- [English](#)
- [Japanese](#)
- [Russian](#)