

Installazione

Database PostgreSQL

- Creare lo schema DB e lanciare gli script presenti nella cartella \o3dpacs\script\v0.
- Installare l'upgrade per la gestione delle immagini KeyObject presenti nella cartella \o3dpacs\script\ , ovvero i file KIN_*.sql
- Installare gli script presenti nella componente DMASSDB

Web Server Apache

- Configurare sul file httpd.config il VH su Apache, il mod_jk per la configurazione del JBOSS, Shibboleth come segue ...

Proxy Pass:

```
ProxyPass /dmasssrv balancer://wf23001/dmasssrv
stickysession=JSESSIONID|jsessionid
<Proxy balancer://wf23001>
    BalancerMember ajp://jboss1:port route=jb6node01 disablereuse=On
    ...
    BalancerMember ajp://jbossN:port route=jb6nodeN disablereuse=On
</Proxy>
```

Per ogni nodo indicare:

- jbossN = FQDN del server jboss
- porta = porta del connettore ajp
- jb6nodeN = nome simbolico univoco per la definizione del property route

Location:

```
<Location /dmasssrv/scari coPacchettoOperatoreSanitari o>
    AuthType shibboleth
    ShibRequestSetting appli cationId APPLICATION_SB_SHIBB
    ShibRequireSession On
    ShibUseHeaders On
    require valid-user
</Location>

<Location /dmasssrv/scari coPacchettoCitAut>
    AuthType shibboleth
    ShibRequestSetting appli cationId APPLICATION_TS-AP-TINT-
DMASS.NI VOLAPIEMONTE.IT_LIV3_SISP_LIV2_SPID_GASPRP_SALUTE
    ShibRequireSession On
    ShibUseHeaders On
    require valid-user
</Location>
```

APPLICATION_SB_SHIBB = Indicare l'Application ID definito nello Shibboleth2.xml

Nota: l'applicazione si aspetta che il modulo shibboleth aggiunga alla header la property Shib-Identita-CodiceFiscale, tale prop contiene il codice fiscale dell'utente loggato.

Application Server JBOSS e component Java

03DPACS

- Non è presente nessun file di property in quanto la configurazione è totalmente su DB
- Verificare il file .xml con i DataSource dentro la cartella partxxx/standalone:

```
<subsystem xmlns="urn:jboss:domain:datasources:1.2">
  <datasources>
    <datasource jta="false" jndi-name="java:/jdbc/dbDS" pool-
name="i mr" enabled="true" use-ccm="true">
      <connection-
url>jdbc:oracle:thin:@//xxx.xxx.xxx.xxx:yyyy/03DPACSPDB</connection-url>
      <driver-class>oracle.jdbc.driver.OracleDriver</driver-
class>
      <driver>oracle</driver>
      <security>
        <user-name>xxx</user-name>
        <password>xxx</password>
      </security>
    </datasource>
    <datasource jta="false" jndi-name="java:/jdbc/wadoDS" pool-
name="i mrWado" enabled="true" use-ccm="true">
      <connection-
url>jdbc:oracle:thin:@//xxx.xxx.xxx.xxx:yyyy/03DPACSPDB</connection-url>
      <driver-class>oracle.jdbc.driver.OracleDriver</driver-
class>
      <driver>oracle</driver>
      <security>
        <user-name>xxx</user-name>
        <password>xxx</password>
      </security>
    </datasource>
    <datasource jta="false" jndi-name="java:/jdbc/autoRoutingDS"
pool-name="autoRoutingDS" enabled="true" use-ccm="true">
      <connection-
url>jdbc:oracle:thin:@//xxx.xxx.xxx.xxx:yyyy/03DPACSPDB</connection-url>
      <driver-class>oracle.jdbc.driver.OracleDriver</driver-
class>
      <driver>oracle</driver>
      <security>
        <user-name>xxx</user-name>
        <password>xxx</password>
      </security>
    </datasource>
    <datasource jta="false" jndi-name="java:/jdbc/hl7DS" pool-
name="hl7DS" enabled="true" use-ccm="true">
      <connection-
url>jdbc:oracle:thin:@//xxx.xxx.xxx.xxx:yyyy/03DPACSPDB</connection-url>
      <driver-class>oracle.jdbc.driver.OracleDriver</driver-
class>
      <driver>oracle</driver>
      <security>
        <user-name>xxx</user-name>
        <password>xxx</password>
      </security>
    </datasource>
    <datasource jta="false" jndi-name="java:/jdbc/Hl7CommServerDS"
pool-name="Hl7CommServerDS" enabled="true" use-ccm="true">
      <connection-
url>jdbc:oracle:thin:@//xxx.xxx.xxx.xxx:yyyy/03DPACSPDB</connection-url>
      <driver-class>oracle.jdbc.driver.OracleDriver</driver-
class>
      <driver>oracle</driver>
```

```

        <securi ty>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </securi ty>
    </datasource>
    <datasource j ta="fal se" j ndi -name="j ava: /j dbc/storageDS" pool -
name="storageDS" enabl ed="true" use-ccm="true">
        <connecti on-
url >j dbc: oracl e: thi n: @//xxx. xxx. xxx. xxx: yyyy/03DPACSPDB</connecti on-url >
        <dri ver-cl ass>oracl e. j dbc. dri ver. Oracl eDri ver</dri ver-
cl ass>

        <dri ver>oracl e</dri ver>
        <securi ty>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </securi ty>
    </datasource>
    <datasource j ta="fal se" j ndi -name="j ava: /j dbc/stgCmtDS" pool -
name="stgCmtDS" enabl ed="true" use-ccm="true">
        <connecti on-
url >j dbc: oracl e: thi n: @//xxx. xxx. xxx. xxx: yyyy/03DPACSPDB</connecti on-url >
        <dri ver-cl ass>oracl e. j dbc. dri ver. Oracl eDri ver</dri ver-
cl ass>

        <dri ver>oracl e</dri ver>
        <securi ty>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </securi ty>
    </datasource>
    <datasource j ta="fal se" j ndi -name="j ava: /j dbc/queryDS" pool -
name="queryDS" enabl ed="true" use-ccm="true">
        <connecti on-
url >j dbc: oracl e: thi n: @//xxx. xxx. xxx. xxx: yyyy/03DPACSPDB</connecti on-url >
        <dri ver-cl ass>oracl e. j dbc. dri ver. Oracl eDri ver</dri ver-
cl ass>

        <dri ver>oracl e</dri ver>
        <securi ty>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </securi ty>
    </datasource>
    <datasource j ta="fal se" j ndi -name="j ava: /j dbc/moveDS" pool -
name="moveDS" enabl ed="true" use-ccm="true">
        <connecti on-
url >j dbc: oracl e: thi n: @//xxx. xxx. xxx. xxx: yyyy/03DPACSPDB</connecti on-url >
        <dri ver-cl ass>oracl e. j dbc. dri ver. Oracl eDri ver</dri ver-
cl ass>

        <dri ver>oracl e</dri ver>
        <securi ty>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </securi ty>
    </datasource>
    <datasource j ta="fal se" j ndi -name="j ava: /j dbc/mppsDS" pool -
name="mppsDS" enabl ed="true" use-ccm="true">
        <connecti on-
url >j dbc: oracl e: thi n: @//xxx. xxx. xxx. xxx: yyyy/03DPACSPDB</connecti on-url >
        <dri ver-cl ass>oracl e. j dbc. dri ver. Oracl eDri ver</dri ver-
cl ass>

        <dri ver>oracl e</dri ver>
        <securi ty>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </securi ty>
    </datasource>
    <datasource j ta="fal se" j ndi -name="j ava: /j dbc/RptMgrDS" pool -
name="RptMgrDS" enabl ed="true" use-ccm="true">
        <connecti on-
url >j dbc: oracl e: thi n: @//xxx. xxx. xxx. xxx: yyyy/03DPACSPDB</connecti on-url >
        <dri ver-cl ass>oracl e. j dbc. dri ver. Oracl eDri ver</dri ver-
cl ass>

```

```

        <driver>oracle</driver>
        <security>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </security>
    </datasource>
    <datasource jta="false" jndi-name="java:/jdbc/iMAvailDS" pool-
name="iMAvailDS" enabled="true" use-ccm="true">
        <connection-
url>jdbc:oracle:thin:@//xxx.xxx.xxx:yyyy/O3DPACSPDB</connection-url>
        <driver-class>oracle.jdbc.driver.OracleDriver</driver-
class>

        <driver>oracle</driver>
        <security>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </security>
    </datasource>
    <datasource jta="false" jndi-name="java:/jdbc/assSolDataSource"
pool-name="assSolDataSource" enabled="true" use-ccm="true">
        <connection-
url>jdbc:postgresql://xxx.xxx.xxx:yyy/SOLDB_TEST</connection-url>
        <driver-class>org.postgresql.Driver</driver-class>
        <driver>postgresql</driver>
        <security>
            <user-name>xxx</user-name>
            <password>xxx</password>
        </security>
    </datasource>
    <drivers>
        <driver name="postgresql" module="org.postgresql">
            <driver-class>org.postgresql.Driver</driver-class>
        </driver>
        <driver name="oracle" module="com.oracle">
            <driver-class>oracle.jdbc.driver.OracleDriver</driver-
class>

        </driver>
        <driver name="mysql" module="com.mysql">
            <driver-class>com.mysql.cj.jdbc.Driver</driver-class>
        </driver>
    </drivers>
</datasources>

```

- Compilare le componenti O3DPACS con il Target -lib apache-ivy-2.0.0 buildEarPackage (Ant)
- Effettuare il deployment dei war sull'istanza/partizione JBOSS EAP

O3DPACS_PDI

- Non è presente nessun file di property in quanto la configurazione è totalmente su DB
- Compilare le componenti O3DPACS_PDI con il Target -lib apache-ivy-2.0.0 buildEarPackage (Ant)
- Effettuare il deployment dei war sull'istanza/partizione JBOSS EAP

DMASS

- Configurare il file di properties come segue

server.port	xxx	Numero della porta
dmassjndiName	jdbc/xxxDataSource	Nome del DS
client.utilityService.address	https://xxx/dmass/UtilityService	Stringa
userUtility	xxx	Stringa

passUtility	xxx	Stringa
userDma	xxx	Stringa
client.verificaService.address	https://xxx/dmacc/VerificaService	Stringa
userVerifica	xxx	Stringa
passVerifica	xxc	Stringa
client.delegaService.address	https://xxx/dmacc/DelegaService	Stringa
userDelega	xxx	Stringa
passDelega	xxx	Stringa
client.consensoINIExtServices.address	https://xxx/dmaccmed/services/CC ConsensoINIExtService	Stringa
userConsensoIni	xxx	Stringa
passConsensoIni	xxx	Stringa
client.scaricoStudiWSBean.address	https://xxx/dmassws/scaricoStudi/ ws/scaricoStudiWSBean	Stringa
userScaricoStudi	xxx	Stringa
passScaricoStudi	xxx	Stringa

e il datasource :

```
<datasources>
  <datasource jndi -name="java:/jdbc/dmassDatasource" pool -
name="dmassDatasource" enabled="true" use-ccm="false">
    <connection-url>jdbc:postgresql://xxx:0000/<schema></connection-url>
    <driver-class>org.postgresql.Driver</driver-class>
    <driver>postgresql</driver>
    <new-connection-sql>SET statement_timeout TO 30000</new-connection-sql>
    <pool>
      <min-pool-size> Inserire un valore ottimale </min-pool-size>
      <max-pool-size> Inserire un valore ottimale </max-pool-size>
      <prefill>true</prefill>
    </pool>
    <security>
      <user-name> inserire username </user-name>
      <password> inserire la password </password>
    </security>
    <validation>
      <validation-checker-class-
name="org.jboss.jca.adapters.jdbc.extensions.postgres.PostgreSQLValidationChecker"/>
      <validation-on-match> true|false </validation-on-match>
      <background-validation> true|false </background-validation>
      <exception-sorter-class-
name="org.jboss.jca.adapters.jdbc.extensions.postgres.PostgreSQLExceptionHandler"/>
    </validation>
    <timeout>
```

```

        <blocking-timeout-millis> inserire un valore ottimale
    </blocking-timeout-millis>
        <idle-timeout-minutes> inserire un valore ottimale </idle-
    timeout-minutes>
    </timeout>
</datasource>
</datasources>

```

- Compilare le componenti DMAS:

- versione di Maven: 3.6.3
- target: clean package -Dtarget=prod

- Effettuare il deployment dei war sull'istanza/partizione JBOSS EAP

DMASSBATCHCANCPACC

- Configurare il file di properties come segue

driver	org.postgresql.Driver	Valore Fisso
dmassurl	jdbc:postgresql://xxx/<schema>	String
dmassdbuser	xxx	String
dmassdbpassword	xxx	String
fs.log.path	/dmass/log	String
log4j.appender.dmassbatchcreapacchetto.Threshold	INFO	String
ccencryptionkey	mypass	String
client.scaricoStudiWSBean.address	https://xxx/dmassws/scaricoStudi/ws/scaricoStudiWSBean	String
userScaricoStudi	xxx	String
passScaricoStudi	xxx	String

- Compilare la componente:

- configurare run configuration -> maven build
- Goals=pacakge
- profile=local\prod\test
- aggiunte come property https.protocols=TLSv1.2

- Effettuare il deployment dei war sull'istanza/partizione JBOSS EAP