

Hardcoding policies

As of version 2143 configuration values can be hardcoded/overloaded.

The server policies can be hardcoded into the deployment file for various reasons

1. Ensure system values are not subject to change in the designer
2. Ease environment replication: Just copy the whole database, and define environmental differences in a file.

Typical fixed parameters include

- Application name
- Server daemon autostart
- SMTP server testmode
- Base schema name

Adding an overloaded policy

Policy overloads are placed inside the Context element in the deployment file, where the connection strings are placed too.

- Tomcat: `<tomcat root>/conf/Catalina/localhost/<application>.xml`
- JBoss: `<jboss root>/standalone/configuration/<application>.xml`

The policy in question should use the following syntax:

```
<Parameter name="Policy.XXXXX" value="YYYYY"/>
```

X = Name of the policy as per [Policy reference](#)

Y = Value of the policy in String, Integer or Boolean format

Usage notes

- Place in the context file of the application
 - Tomcat: `<server root>/conf/Catalina/localhost/<application>.xml`
- The syntax for naming is: "Policy." + configuration name
 - Boolean values use: [true|false]

- The Context parameters can optionally be set inside the servlet container manager
- Changing overloaded policies inside the designer will have NO EFFECT at all
- Please ensure the datatype fits Policy type, or the overloaded value will default to the installation value.
 - For boolean values use "true" or "false"
 - String value " should be escaped normally
- Policy overloads are loaded ONCE when the application is loaded by the servlet container.
 - If you change the values, you will need to restart the application or the container
 - All parameters are written to the server / application logfile upon startup

Example

```
<?xml version="1.0" encoding="UTF-8"?>
<Context path="/TempusSera" >
  <Parameter name="Policy.applicationName" value="Test server"/>
  <Parameter name="Policy.smtpTestMode" value="true"/>
  <Parameter name="Policy.dbNameBase" value="sandboxtest"/>
  /* More configuration values */
  /* Connection strings etc. */
</Context>
```

Protecting the variables

By setting the special policy **policyHideValues**, overloaded are no longer visible from backend system.

```
<Parameter name="Policy.policyHideValues" value="true"/>
```

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