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If you want to use Vaadin UI with Liferay Portlets, use the following security manager in your config.xml:

```xml
<?xml version="1.0" encoding="UTF-8"?>

<application>
  <securitymanager>
    <class>
com.sibvisions.apps.vaadin.portlet.server.security.PortletSecurityManager
    </class>
...
```

and the following code in your session life cycle object:

```java
public IWorkScreenAccess getWorkScreenAccess()
{
    PortletWorkScreenAccess wosc =
(PortletWorkScreenAccess)get("workScreenAccess");

    if (wosc == null)
    {
        wosc = new PortletWorkScreenAccess();

        put("workScreenAccess", wosc);
    }

    return wosc;
}
```

The PortletSecurityManager uses current Liferay user and PortletWorkScreenAccess uses configured user roles. The security manager sets the configured portlet screen as default screen. This screen will be shown in Liferay.

To configure the default screen, add an additional parameter to your portlet.xml:

```xml
<init-param>
  <name>screen</name>
<value>com.sibvisions.apps.vaadin.portlet.screens.ContactsWorkScreen</value>
</init-param>
```

An example portlet.xml with complete configuration:

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

<portlet-app xmlns="http://java.sun.com/xml/ns/portlet/portlet-app_2_0.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://java.sun.com/xml/ns/portlet/portlet-app_2_0.xsd
http://java.sun.com/xml/ns/portlet/portlet-app_2_0.xsd" version="2.0">
    <portlet>
        <portlet-name>VaadinApps</portlet-name>
        <display-name>VaadinApps</display-name>
```

```xml
    <portlet-class>com.sibvisions.rad.ui.vaadin.server.VaadinPortlet</portlet-class>
    <init-param>
        <description>Vaadin UI class to use</description>
        <name>UI</name>
        <value>com.sibvisions.rad.ui.vaadin.impl.VaadinUI</value>
    </init-param>
    <init-param>
        <description>Application widgetset</description>
        <name>widgetset</name>
        <value>com.sibvisions.rad.ui.vaadin.ext.ui.Widgetset</value>
    </init-param>
    <init-param>
        <name>main</name>
        <value>com.sibvisions.apps.projx.ProjX</value>
    </init-param>
    <init-param>
        <name>config</name>
        <value>/com/sibvisions/apps/vaadin/portlet/application.xml</value>
    </init-param>
    <init-param>
        <name>Application.setup.classname</name>
        <value>com.sibvisions.apps.vaadin.portlet.PortletApplicationSetup</value>
    </init-param>
    <init-param>
        <name>screen</name>
        <value>com.sibvisions.apps.vaadin.portlet.screens.ContactsWorkScreen</value>
    </init-param>
    <init-param>
        <name>vaadin.resources.portletContainerMode</name>
        <value>true</value>
    </init-param>
    <expiration-cache>0</expiration-cache>
    <supports>
        <mime-type>text/html</mime-type>
    </supports>
    <portlet-info>
        <title>VaadinApps</title>
        <short-title>VaadinApps</short-title>
        <keywords>VaadinApps</keywords>
    </portlet-info>
    <security-role-ref>
        <role-name>administrator</role-name>
    </security-role-ref>
    <security-role-ref>
        <role-name>guest</role-name>
    </security-role-ref>
    <security-role-ref>
        <role-name>power-user</role-name>
    </security-role-ref>
    <security-role-ref>
```

```
        <role-name>user</role-name>
      </security-role-ref>
    </portlet>
</portlet-app>
```

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