Servlet Container Profile

This chapter defines a profile of the use of the interfaces defined in this specification by Servlet containers to enforce the declarative authentication constraints of the Servlet container security model.

This profile focuses on points 2 (and, to a lesser degree), 3 in the message processing model. This profile does not specify the behavior of the corresponding client runtime (that is, points 1 and 4 in the message processing model).

The profile-specific requirements defined in this chapter are to be considered in addition to the generic requirements defined in Chapter 2. A compatible implementation of this profile is a servlet container that satisfies all of the requirements that apply to this profile.

3.1   Message Layer Identifier

The message layer value used to select the *AuthConfigProvider* and *ServerAuthConfig* objects for this profile must be "HttpServlet".

3.2   Application Context Identifier

The application context identifier (that is, the *appContext* parameter value) used to select the *AuthConfigProvider* and *ServerAuthConfig* objects for a specific application shall be the String value constructed by concatenating the host name, a blank separator character, and the decoded context path corresponding to the web module.

```
AppContextID ::= hostname blank context-path

For example: "java-server /petstore"
```

This profile uses the term *host name* to refer to the name of a logical host that processes Servlet requests. Servlet requests may be directed to a logical host using various physical or *virtual host* names or addresses, and a message processing runtime may be composed of multiple logical hosts. Systems or administrators that register AuthConfigProvider objects with specific application context identifiers must have an ability to determine the host name for which they wish to perform the registration.

A Servlet container that implements a version of the Servlet specification that defines the *getVirtualServerName* method on the *ServletContext* interface, must construct its application context identifiers using a value for *hostname* that is equivalent to the value returned by calling *getVirtualServerName* on the *ServletContext* corresponding to the web application.