

# Deploying UI and Services on Different Servers

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## Summary

This document provides the reader with an introduction to what is required when deploying your application swf and content on one server and the services on another.

A *cross-domain policy* file is an XML document that grants a web client—such as Adobe Flash Player (though not necessarily limited to it)—permission to handle data across multiple domains. When a client hosts content from a particular source domain and that content makes requests directed towards a domain other than its own, the remote domain would need to host a cross-domain policy file that grants access to the source domain, allowing the client to continue with the transaction. Policy files grant read access to data as well as permit a client to include custom headers in cross-domain requests.

The most common location for a policy file on a server is in the root directory of a domain with the filename `crossdomain.xml` (e.g. <http://example.com/crossdomain.xml>)—the default location that clients check when a policy file is required.

```
<?xml version="1.0"?>
<!DOCTYPE cross-domain-policy SYSTEM
"http://www.adobe.com/xml/dtds/cross-domain-policy.dtd">

<cross-domain-policy>
  <site-control permitted-cross-domain-policies="master-only"/>
  <allow-access-from domain="*" />
  <allow-http-request-headers-from domain="*" headers="SOAPAction" />
</cross-domain-policy>
```

The `site-control` element here specifies that only this master policy file should be considered valid on this domain. Below that, the `allow-access-from` element specifies that content from any other domain can access any data within the current domain (the domain in which this policy file has been saved). Finally, the `allow-http-request-headers-from` element indicates that a `SOAPAction` header is also allowed to be sent with requests made to this domain.

(INSERT DIAGRAM)

For more details on policy files and the Flash security sandbox, take a look at these additional resources:

<http://www.adobe.com/go/policyfiles>

<http://www.flexafterdark.com/docs/Flash-CrossDomain>