

ColdFusion IP Lockdown

❗ Adding an IP address to the allow list automatically excludes all other IPs.

Below (second list) is the "Allowed IP Addresses" for ColdFusion administrator.

The screenshot shows the Adobe ColdFusion 11 Administrator interface. The left sidebar contains a navigation menu with categories like SERVER SETTINGS, DATA & SERVICES, DEBUGGING & LOGGING, SERVER MONITORING, EXTENSIONS, EVENT GATEWAYS, SECURITY, PACKAGING & DEPLOYMENT, ENTERPRISE MANAGER, and SERVER UPDATE. The SECURITY section is expanded, showing sub-items: Administrator, RDS, Sandbox Security, User Manager, Allowed IP Addresses (selected), and Secure Profile.

The main content area is titled "Security > Allowed IP Addresses". It contains two sections:

- Allowed IP Addresses for Exposed Services:** This section includes a text box for "IP Address", an "Add" button, a list box (currently empty), and a "Remove Selected" button. Above this is a paragraph explaining that client IP addresses can be specified for exposed services, supporting individual IPs, ranges (10-30), or wild cards (*).
- Allowed IP Addresses for accessing ColdFusion Administrator and ColdFusion Internal Directories:** This section also includes an "IP Address" text box, an "Add" button, a list box (currently empty), and a "Remove Selected" button. Above this is a paragraph explaining that client IP addresses can be specified for accessing the ColdFusion Administrator and Internal Directories, supporting individual IPs, ranges, or wild cards.

Below the second section, there is a note: "If you have configured an external web server, you can also restrict access to the ColdFusion Administrator and ColdFusion Internal Directories at the connector-level by modifying the iprestriction.properties file available under the connector folder. For instance, cf_root/config/wsconfig/iprestriction.properties. Note : You will need to restart the external web server after modifying the iprestriction.properties file."

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Regaining access if locked out

If needed you can add an IP address to the `/opt/coldfusion11/cfusion/lib/neo-security.xml` file and restart ColdFusion to regain access.

```
vim /opt/coldfusion11/cfusion/lib/neo-security.xml
```

Example of Error received after logging in but not being added to the allow list.

The web site you are accessing has experienced an unexpected error.
Please contact the website administrator.

The following information is meant for the website developer for debugging purposes.

Error Occurred While Processing Request

You tried to access the ColdFusion Administrator or other internal components from a disallowed IP address ([REDACTED]).

These ColdFusion components can only be accessed from localhost and other allowed IP addresses.

Resources:

- Check the [ColdFusion documentation](#) to verify that you are using the correct syntax.
- Search the [Knowledge Base](#) to find a solution to your problem.

Browser Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.121 Safari/537.36

Remote Address [REDACTED]

Referrer http://[REDACTED]/CFIDE/administrator/index.cfm

Date/Time 02-Oct-20 11:03 AM

Stack Trace

```
coldfusion.filter.IPFilterUtils$AdminAccessDeniedException: You tried to access the ColdFusion Administrator or other internal components from a disallowed IP address [REDACTED].
    at coldfusion.filter.IPFilterUtils.checkAdminAccess(IPFilterUtils.java:62)
    at coldfusion.filter.IpFilter.invoke(IpFilter.java:43)
    at coldfusion.filter.ApplicationFilter.invoke(ApplicationFilter.java:487)
    at coldfusion.filter.RequestMonitorFilter.invoke(RequestMonitorFilter.java:42)
    at coldfusion.filter.MonitoringFilter.invoke(MonitoringFilter.java:40)
    at coldfusion.filter.PathFilter.invoke(PathFilter.java:142)
    at coldfusion.filter.ExceptionFilter.invoke(ExceptionFilter.java:94)
    at coldfusion.filter.BrowserDebugFilter.invoke(BrowserDebugFilter.java:78)
    at coldfusion.filter.ClientScopePersistenceFilter.invoke(ClientScopePersistenceFilter.java:28)
    at coldfusion.filter.BrowserFilter.invoke(BrowserFilter.java:38)
    at coldfusion.filter.NoCacheFilter.invoke(NoCacheFilter.java:58)
    at coldfusion.filter.GlobalsFilter.invoke(GlobalsFilter.java:38)
    at coldfusion.filter.DatasourceFilter.invoke(DatasourceFilter.java:22)
    at coldfusion.filter.CachingFilter.invoke(CachingFilter.java:62)
    at coldfusion.cfm.servlet.service(CfmServlet.java:219)
    at coldfusion.bootstrap.BootstrapServlet.service(BootstrapServlet.java:89)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:303)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:280)
    at coldfusion.monitor.event.MonitoringServletFilter.doFilter(MonitoringServletFilter.java:42)
    at coldfusion.bootstrap.BootstrapFilter.doFilter(BootstrapFilter.java:46)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
    at coldfusion.filter.ClickjackingProtectionFilter.doFilter(ClickjackingProtectionFilter.java:75)
    at coldfusion.bootstrap.BootstrapFilter.doFilter(BootstrapFilter.java:46)
    at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:241)
    at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:208)
    at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:220)
    at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:122)
    at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:505)
    at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:170)
    at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:103)
    at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:116)
    at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:437)
    at org.apache.coyote.ajp.AjpProcessor.process(AjpProcessor.java:197)
    at org.apache.coyote.AbstractProtocol$AbstractConnectionHandler.process(AbstractProtocol.java:625)
    at org.apache.tomcat.util.net.NioEndpoint$SocketProcessor.run(NioEndpoint.java:316)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
    at org.apache.tomcat.util.threads.TaskThread$WrappingRunnable.run(TaskThread.java:61)
    at java.lang.Thread.run(Thread.java:745)
```