

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, and Secure Profile. The main content area is titled "Security > Allowed IP Addresses". It contains two sections: "Allowed IP Addresses for Exposed Services" and "Allowed IP Addresses for accessing ColdFusion Administrator and ColdFusion Internal Directories". Each section has a text input for "IP Address", an "Add" button, a list box, and a "Remove Selected" button. Below the second section, there is a note about restricting access to the ColdFusion Administrator and ColdFusion Internal Directories at the connector-level by modifying the iprestriction.properties file.

Server: cfusion
User: admin
Expand All / Collapse All

SERVER SETTINGS
DATA & SERVICES
DEBUGGING & LOGGING
SERVER MONITORING
EXTENSIONS
EVENT GATEWAYS
SECURITY
Administrator
RDS
Sandbox Security
User Manager
Allowed IP Addresses
Secure Profile
PACKAGING & DEPLOYMENT
ENTERPRISE MANAGER
SERVER UPDATE

Security > Allowed IP Addresses

Specify client IP addresses that should be allowed to invoke exposed services. This can be individual IP addresses, IP address ranges of the form 10-30, or * wild cards. Both IPv4 and IPv6 addresses are supported. To include an IP address in the list, enter the address and click Add. To delete an IP address from the list, select the address and click Remove Selected. When no IP addresses are selected, no user can invoke exposed services

Allowed IP Addresses for Exposed Services

IP Address
Add

Remove Selected

Specify the client IP addresses that can access ColdFusion Administrator and ColdFusion Internal Directories. This can be individual IP addresses, IP address ranges of the form 10-30, or * wild cards. Both IPv4 and IPv6 addresses are supported. To include an IP address in the list, enter the address and click Add. To delete an IP address from the list, select the address and click Remove Selected. When no IP addresses are selected, all users are allowed access.

Allowed IP Addresses for accessing ColdFusion Administrator and ColdFusion Internal Directories

IP Address
Add

Remove Selected

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.cfmServlet.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)
```