

# ConfD Pre-flight Check

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# Pre-flight check

- Adds ability to check validity of confd.conf file without starting ConfD
- Basic command: `confd --preflight-checks config-file`
- Additional options
  - `--print-checks` - Prints the checks used for this file
  - `--exclude-checks check` - don't use these checks

# Warning checks

## WARNING CHECKS:

If a warning check fails, command returns an exit status of 1.

<code>auth-order</code>	Check if all enabled authentication mechanisms are configured for <code>confdConfig/aaa/authOrder</code>
<code>cli-over-ssh</code>	Check if <code>sshServerKeyDir</code> is set for <code>cli-over-ssh</code>
<code>default-ssl-config</code>	Check if default private host key is used
<code>encrypted-strings</code>	Check if the default encryption keys are used
<code>implicitly-enabled-agents</code>	Check if any agent is enabled implicitly
<code>ipc-address</code>	Check if <code>confdIpAddress</code> ip and port are changed
<code>netconf-over-ssh</code>	Check if <code>sshServerKeyDir</code> is set for <code>netconf-over-ssh</code>
<code>netconf-over-tcp</code>	Check if NETCONF over TCP is enabled
<code>restconf-over-http</code>	Check if RESTCONF over HTTP listens to an IP other than localhost
<code>ssh-private-key-permissions</code>	Check if RSA key has correct file permissions
<code>ssl-private-key-permissions</code>	Check if host key has correct file permissions
<code>webui-over-http</code>	Check if WEBUI over HTTP listens to an IP other than localhost

# Warning checks

## INFORMATIVE CHECKS:

If an informative check fails, command returns an exit status of 0.

<code>confd-dyncfg enabled</code>	Check if runtime configuration of ConfD is enabled
<code>explicitly-enabled-agents</code>	Check if any agent is enabled explicitly
<code>subagents</code>	Check if subagents is enabled



**Thank you for listening**

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