C Commands

This chapter describes the system management commands that begin with C.
clear logging logfile

To clears the contents of the log file, use the `clear logging logfile` command.

```
clear logging logfile
```

**Syntax Description**
This command has no arguments or keywords.

**Command Default**
None

**Command Modes**
EXEC mode

**Command History**

<table>
<thead>
<tr>
<th>Release</th>
<th>Modification</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0(0)N1(1)</td>
<td>This command was introduced.</td>
</tr>
</tbody>
</table>

**Examples**
This example shows how to clear the logging logfile:

```
switch# clear logging logfile
switch#
```

**Related Commands**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>show logging logfile</code></td>
<td>Displays the messages in the log file.</td>
</tr>
</tbody>
</table>
clear logging nvram

To clear the NVRAM logs, use the clear logging nvram command.

    clear logging nvram

Syntax Description
This command has no arguments or keywords.

Command Default
None

Command Modes
EXEC mode

Command History

<table>
<thead>
<tr>
<th>Release</th>
<th>Modification</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0(0)N1(1a)</td>
<td>This command was introduced.</td>
</tr>
</tbody>
</table>

Examples
This example shows how to clear the NVRAM logs:

    switch# clear logging nvram

Related Commands

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>show logging nvram</td>
<td>Displays the NVRAM logs.</td>
</tr>
</tbody>
</table>
clear logging onboard

To clear the onboard failure logging (OBFL) entries in the persistent log, use the `clear logging onboard` command.

`clear logging onboard [environmental-history] [exception-log] [obfl-log] [stack-trace]`

**Syntax Description**

- **environmental-history** (Optional) Clears the OBFL environmental history.
- **exception-log** (Optional) Clears the OBFL exception log entries.
- **obfl-log** (Optional) Clears the OBFL (boot-uptime/device-version/obfl-history).
- **stack-trace** (Optional) Clears the OBFL stack trace entries.

**Command Default**

None

**Command Modes**

EXEC mode

**Command History**

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>4.0(0)N1(1a)</td>
<td>This command was introduced.</td>
</tr>
</tbody>
</table>

**Examples**

This example shows how to clear the OBFL environmental history entries:

```
switch# clear logging onboard environmental-history
```

This example shows how to clear the OBFL exception-log entries:

```
switch# clear logging onboard exception-log
```

This example shows how to clear the OBFL (boot-uptime/device-version/obfl-history) entries:

```
switch# clear logging onboard obfl-log
```

This example shows how to clear the OBFL stack trace entries:

```
switch# clear logging onboard stack-trace
```

**Related Commands**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>show logging onboard</td>
<td>Displays onboard failure logs.</td>
</tr>
</tbody>
</table>
clear logging session

To clear the current logging session, use the `clear logging session` command.

```plaintext
clear logging session
```

**Syntax Description**
This command has no arguments or keywords.

**Command Default**
None

**Command Modes**
EXEC mode

**Command History**

<table>
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<td>4.0(0)N1(1a)</td>
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</table>

**Examples**
This example shows how to clear the current logging session:

```plaintext
switch# clear logging session
```

**Related Commands**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>show logging session</code></td>
<td>Displays the logging session status.</td>
</tr>
</tbody>
</table>
clear ntp session

To clear the Network Time Protocol (NTP) session, use the `clear ntp session` command.

```
clear ntp session
```

**Syntax Description**
This command has no arguments or keywords.

**Command Default**
None

**Command Modes**
EXEC mode

**Command History**

<table>
<thead>
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<tr>
<td>4.0(0)N1(1a)</td>
<td>This command was introduced.</td>
</tr>
</tbody>
</table>

**Examples**
This example shows how to discard the NTP Cisco Fabric Services (CFS) distribution session in progress:
```
switch# clear ntp session
```

**Related Commands**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>show ntp</td>
<td>Displays NTP information.</td>
</tr>
</tbody>
</table>
clear ntp statistics

To clear the Network Time Protocol (NTP) session, use the `clear ntp statistics` command.

```
clear ntp statistics {all-peers | io | local | memory}
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Syntax</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>all-peers</td>
<td>Clears all peer transaction statistics.</td>
</tr>
<tr>
<td>io</td>
<td>Clears I/O statistics.</td>
</tr>
<tr>
<td>local</td>
<td>Clears local statistics.</td>
</tr>
<tr>
<td>memory</td>
<td>Clears memory statistics.</td>
</tr>
</tbody>
</table>

**Command Default**

None

**Command Modes**

EXEC mode

**Command History**

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</tbody>
</table>

**Examples**

This example shows how to discard the NTP I/O statistics:

```
switch# clear ntp statistics io
```

**Related Commands**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>show ntp</td>
<td>Displays NTP information.</td>
</tr>
</tbody>
</table>
To commit the current configuration session, use the `commit` command.

```
commit
```

**Syntax Description**
This command has no arguments or keywords.

**Command Default**
None

**Command Modes**
Session configuration mode

**Command History**

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<td>4.0(0)N1(1)</td>
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</tbody>
</table>

**Examples**
This example shows how to commit the current session:

```
switch(config-s)# commit
switch(config-s)#
```

**Related Commands**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>configure session</td>
<td>Creates a configuration session.</td>
</tr>
<tr>
<td>show configuration</td>
<td>Displays the contents of the session.</td>
</tr>
<tr>
<td>session</td>
<td></td>
</tr>
<tr>
<td>verify</td>
<td>Verifies a session.</td>
</tr>
</tbody>
</table>