

**NAME**

**auditctl** - configure system audit parameters

**SYNOPSIS**

```
#include <bsm/audit.h>
```

*int*

```
auditctl(const char *path);
```

**DESCRIPTION**

The **auditctl()** system call directs the kernel to open a new audit trail log file. It requires an appropriate privilege. The **auditctl()** system call opens new files, but **audion(2)** is used to disable the audit log.

**RETURN VALUES**

Upon successful completion, the value 0 is returned; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

**ERRORS**

The **auditctl()** system call will fail if:

[EINVAL]           The path is invalid.

[EPERM]            The process does not have sufficient permission to complete the operation.

**SEE ALSO**

**audion(2)**, **libbsm(3)**, **auditd(8)**

**HISTORY**

The OpenBSM implementation was created by McAfee Research, the security division of McAfee Inc., under contract to Apple Computer Inc. in 2004. It was subsequently adopted by the TrustedBSD Project as the foundation for the OpenBSM distribution.

**AUTHORS**

This software was created by McAfee Research, the security research division of McAfee, Inc., under contract to Apple Computer Inc. Additional authors include Wayne Salamon, Robert Watson, and SPARTA Inc.

The Basic Security Module (BSM) interface to audit records and audit event stream format were defined by Sun Microsystems.

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