



Technology Area

DEFINITION

<i>Name</i>	Hardware and System Software Maintenance
<i>Description</i>	Hardware and System Software Maintenance controls are used to monitor the installation of, configuration and updates to, hardware and software to ensure that the system functions as expected and that a historical record is maintained of changes.
<i>Rationale</i>	Implementing hardware and system software maintenance controls contributes to systems functioning as intended, in a secure manner.
<i>Benefits</i>	<ul style="list-style-type: none"> • Establishes a change management system and managerial approval to document: <ul style="list-style-type: none"> ○ Who will perform maintenance and repair activities ○ Who performed maintenance and repair activities ○ When maintenance and repair will be performed ○ Procedures for performance of emergency repair and maintenance ○ The monitoring of installations and updates to hardware and software ○ Prevents unexpected changes that may cause security breaches • Establishes management of hardware and system software warranties and upgrade policies

ASSOCIATED ARCHITECTURE LEVELS

<i>List the Domain Name</i>	Security
<i>List the Discipline Name</i>	Operational Controls

Associated Compliance Components

<i>List the Compliance Component Names</i>	<ul style="list-style-type: none"> • Configuration Management • Change/Configuration Management Discipline, Systems Management Domain
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Associated Product Components

<i>List the Product Component Names</i>	
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TECHNOLOGY AREA DETAIL

<i>Supporting Documentation</i>	NIST SP 800-100 FIPS 200
<i>Document Source Reference #</i>	www.csrc.nist.gov/publications/nistpubs

Standard Organization / Government Body

<i>Name</i>	National Institute of Standards and Technology (NIST), Computer Security Resource Center (CSRC)	<i>Website</i>	http://csrc.nist.gov/
<i>Contact Information</i>	inquiries@nist.gov		
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			

KEYWORDS

<i>List Keywords</i>	Controls, configuration, installation, updates, historical records, logs, warranties,
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CURRENT STATUS

<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i>	<input type="checkbox"/> <i>Under Review</i>	<input checked="" type="checkbox"/> <i>Approved</i>	<input type="checkbox"/> <i>Rejected</i>
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AUDIT TRAIL

<i>Creation Date</i>	03/08/07	<i>Date Accepted / Rejected</i>	11/20/07
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			