

Example from NetApp storage system

InitiatorName: **iqn:DEV\_DOMAIN**

**Problem Type:** Format error

**Description:** In NetApp commercial storage system, the iscsi device's initiator name (i.e., InitiatorName) only allows lowercase letters, while the user sets the name with some capital letters “DEV\_DOMAIN”.

**Impact:** A storage share cannot be recognized

Example from OpenLDAP

**include schema/ppolicy.schema**  
overlay ppolicy

*This entry is missing from the configuration file*

**Problem Type:** Entry missing error

**Description:** In order to use the password policy (i.e., **ppolicy**) overlay, user needs to first **include** the related schema in the configuration file. But the user did not do this.

**Impact:** The LDAP server fails to work

Example from MySQL

general\_log = /var/log/mysql/mysql.log

**Problem Type:** Value type error

**Description:** The parameter “generl\_log” should be an integer, rathe than path (string). In MySQL, there is another parameter “general\_log\_file” used to point the log path.

**Impact:** Log cannot be correctly written.

Example from Apache with PHP

extension = mysql.so  
... ..  
extension = recode.so

*“recode.so” must be put before “mysql.so”*

**Problem Type:** Ordering error

**Description:** When using PHP in Apache, the extension “**mysql.so**” depends on “**recode.so**”. Thus, the order between them matters. The user configured the order in a wrong way.

**Impact:** Apache cannot start due to segment fault

Example from MySQL DB

mysql's config  
max\_connections = 300  
... ..  
php's config  
mysql.max\_persistent = 400

*The max allowed persistent connections specified in PHP is larger than the max connection specified in MySQL*

**Problem Type:** Value correlation error

**Description:** When using persistent connections, the mysql.max\_persistent in PHP should be no larger than the max\_connections in MySQL. User did not conform to this constraint.

**Impact:** “Too many connections” error generated