





ForwardServerID / CentralServerID
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 //
 UserID<-->GroupID<-->DeviceID
 // //
 | |
 // //
 RoleID ForwardServerID / CentralServerID (First)

LAST_INSERT_ID()
 ClientEnd->ForwardServerIP->ForwardServerID->RootNode->AllDeviceIDs
 |
 |
 //
 //
 AllGroupIDs
 //
 CentralServerIP->CentralServerID-->AllDeviceIDs
 |
 //
 AllGroupIDs

设备可以根据类型、地域、功能特性、直接关联的中心服务器、是否加入组等属性分组浏览

能在数据库完成的功能尽量用数据库功能
 多使用数据库如下技术：
 Procedure Function Trigger
 Event View DynamicSQL Transaction

MySQL Build-in Functions
 SQL Recursive Recursion
 PHP Comprehensive Utility (Mysql) Extension

PHP Data Objects (PDO) represents a connection between PHP and a database server, expose database-specific features.
 Buffered and Unbuffered queries.
 MySQL Native Driver(Mysqlnd) is a replacement for the MySQL Client Library (libmysql).

PHP Framework-->
 Zend Framework
 Qcodo
 CakePHP