

DB Schema - component tables

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Open-Audit links device components of a device to the "system" table. The system table contains the main pieces of information for every device. If a device is in Open-Audit, it has an entry in the system table.

Every component table contains six standard columns. These are explained on the page for [Changes](#).

Each component table is joined to the system table by `component.system_id = system.id` and uses "on delete cascade". Hence if you delete the entry in the system table for a device, the joined component tables will also have the data for this device deleted.

| Name | Type | Default | Max Length | Valid Values |
|------------|----------|---------------------|------------|--------------|
| id | int | | 10 | |
| system_id | int | | 10 | |
| current | enum | y | | ('y', 'n') |
| last_seen | datetime | 2000-01-01 00:00:00 | | |
| first_seen | datetime | 2000-01-01 00:00:00 | | |
| name | varchar | | 200 | |

Other attributes are also stored, depending on the component in question (size, etc).

The following are the tables for the relevant attributes - attachment, bios, disk, dns, file, ip, log, memory, module, monitor, motherboard, netstat, network, nmap, optical, pagefile, partition, print_queue, processor, route, san, scsi, server, server_item, service, share, software, software_key, sound, task, user, user_group, variable, video, vm, windows.

The schema for these tables can be view in the application if you have the admin role. Go to menu -> Admin -> Database -> List Tables and then click the View button for any table.

Below is the table for partition (a typical example).

```
CREATE TABLE `partition` (  
  `id` int(10) unsigned NOT NULL AUTO_INCREMENT,  
  `system_id` int(10) unsigned DEFAULT NULL,  
  `current` enum('y','n') NOT NULL DEFAULT 'y',  
  `first_seen` datetime NOT NULL DEFAULT '2000-01-01 00:00:00',  
  `last_seen` datetime NOT NULL DEFAULT '2000-01-01 00:00:00',  
  `name` varchar(200) NOT NULL DEFAULT '',  
  `serial` varchar(100) NOT NULL DEFAULT '',  
  `description` text NOT NULL,  
  `device` varchar(100) NOT NULL DEFAULT '',  
  `hard_drive_index` varchar(100) NOT NULL DEFAULT '',  
  `partition_disk_index` varchar(50) NOT NULL DEFAULT '',  
  `mount_type` enum('mount point','partition','other') NOT NULL DEFAULT 'partition',  
  `mount_point` varchar(100) NOT NULL DEFAULT '',  
  `size` int(10) unsigned NOT NULL DEFAULT '1',  
  `free` int(10) unsigned NOT NULL DEFAULT '1',  
  `used` int(10) unsigned NOT NULL DEFAULT '1',  
  `format` varchar(20) NOT NULL DEFAULT '',  
  `bootable` varchar(10) NOT NULL DEFAULT '',  
  `type` varchar(100) NOT NULL DEFAULT 'local',  
  PRIMARY KEY (`id`),  
  KEY `system_id` (`system_id`),  
  CONSTRAINT `partition_system_id` FOREIGN KEY (`system_id`) REFERENCES `system` (`id`) ON DELETE CASCADE  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```