

## iBoss Documentation to Gather Block and Allow Categories and Lists.

The goal of this documents is to provide a mechanism to pull iBoss Block and Allow Categories and List to provide for documentation

This documentation has broken out into two separate options:

Option One is configuring the an iBoss script to report blocked and allowed categories, lists and keywords per group.

**Important - You must have your own appliance in order to successfully run the bash script to audit groups. It is also recommended that you have working knowledge of the Linux OS for option one.**

You must use your appliances admin account to audit your appliance. Users within the shared environment should follow the second option to manually check the required items.

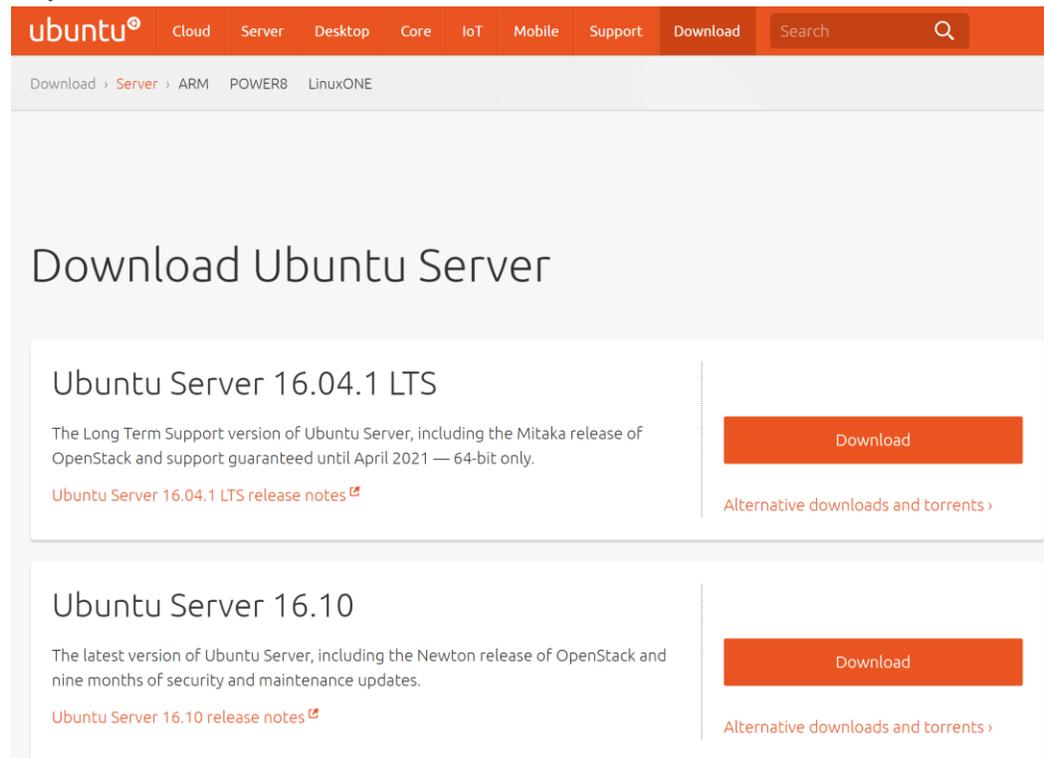
Part Two is manually logging into your iBoss SWG to find required items.

### Option One – Configure iBoss Script to pull Block and Allow Category and List Information

*Download, Install and Configure Ubuntu Server via ISO Download*

Please go to the following location and download Ubuntu Server ISO

<https://www.ubuntu.com/download/server>



The screenshot shows the Ubuntu website's download page for server ISOs. The navigation bar includes links for Cloud, Server, Desktop, Core, IoT, Mobile, Support, and Download, along with a search box. The breadcrumb trail is 'Download > Server > ARM > POWER8 > LinuxONE'. The main heading is 'Download Ubuntu Server'. There are two main content blocks:

- Ubuntu Server 16.04.1 LTS**: Described as 'The Long Term Support version of Ubuntu Server, including the Mitaka release of OpenStack and support guaranteed until April 2021 — 64-bit only.' It includes a link to 'Ubuntu Server 16.04.1 LTS release notes' and a 'Download' button. Below the button is a link for 'Alternative downloads and torrents'.
- Ubuntu Server 16.10**: Described as 'The latest version of Ubuntu Server, including the Newton release of OpenStack and nine months of security and maintenance updates.' It includes a link to 'Ubuntu Server 16.10 release notes' and a 'Download' button. Below the button is a link for 'Alternative downloads and torrents'.

Once Downloaded use the ISO to install an Ubuntu Server and configure for your network.

Once you are at a running Ubuntu Server Prompt You will need to login to the Server and Install VIM and Curl

Login to the Server

```
Ubuntu 16.04.1 LTS ubuntu tty1
ubuntu login: _
```

Install Curl and VIM

Sudo apt-get install vim curl openssh-server -y

```
testuser@ubuntuibosdemo:~$ sudo apt-get install curl vim openssh-server _
```

Create the script files

Once install is completed use VIM to create a file called categoryReport.sh

Vim categoryReport.sh

```
$ vim categoryReport.sh _
```

Copy and paste the script found in categoryReport.sh to the newly created file

Use VIM to create a file called categoryKey

```
$ vim categoryKey
```

Copy and paste the contents of the category key document to the newly created file.

Verify and make sure there are no return spaces between items before moving on. (no space between categories – see below)

```
StreamingRadio/TV
Ads
Porn/Nudity
Audio&Video
Dictionary
Dating&Personals
Drugs
Entertainment
Finance
Forums
Gambling
Games
```

Change permissions on the script files

Chmod 755 categoryReport.sh

Chmod 755 categoryKey

[Run the script](#)

./categoryReport.sh

You will be prompted to enter in the following information:

The IP address of your iBoss Appliance

Username (admin)

Admin Password

Group Number to Audit

This will return a text file called blockedCategories.txt that can then be used to provide blocked lists.

You can use Putty to SSH into the server and view the created file – VIM blockedCategories.txt to copy and past the results locally.

```
Group2 CATEGORY REPORT

Ads                Allowed
AdultContent      Allowed
Alcohol&Tobacco    Blocked
Art               Allowed
Auctions          Allowed
Audio&Video        Allowed
Business          Allowed
Dating&Personals  Allowed
Dictionary        Allowed
Drugs             Allowed
Education         Allowed
Entertainment     Allowed
FileSharing       Allowed
Finance           Allowed
Food              Allowed
Forums            Allowed
Friendship        Allowed
Gambling          Allowed
Games             Allowed
Government        Allowed
Guns&Weapons       Allowed
Health            Allowed
Image/VideoSearch Allowed
Jobs              Allowed
Malware           Blocked
MobilePhones      Allowed
News              Allowed
Organizations     Allowed
Political          Allowed
Porn-Child        Allowed
Porn/Nudity       Blocked
PrivateWebsites   Allowed
"blockedCategories2.txt" 103L, 2186C
```

Option Two – Log into your SWG and note which categories are being blocked and allowed

View the Contents of a Groups Blocked and Allowed Categories –

Please go to the following location within your iBoss SWG : Home -> Controls -> Web Categories

Scroll down to view the list of blocked and allowed Categories.

Manually write down which categories are blocked and allowed

Category	Actions	Priority
Ads	[Icons]	0
Alcohol & Tobacco	[Icons]	0
Auctions	[Icons]	0
Business	[Icons]	0
Dictionary	[Icons]	0
Education	[Icons]	0
File Sharing	[Icons]	0
Food	[Icons]	0
Friendship	[Icons]	0
Games	[Icons]	0
Guns & Weapons	[Icons]	0
Image / Video Search	[Icons]	0
Malware	[Icons]	0

Category	Actions	Priority
Adult Content	[Icons]	0
Art	[Icons]	0
Audio & Video	[Icons]	0
Dating & Personals	[Icons]	0
Drugs	[Icons]	0
Entertainment	[Icons]	0
Finance	[Icons]	0
Forums	[Icons]	0
Gambling	[Icons]	0
Government	[Icons]	0
Health	[Icons]	0
Jobs	[Icons]	0
Mobile Phones	[Icons]	0

View the Contents of a Groups and Block List –

Please go to the following location within your iBoss SWG : Home -> Controls -> Block List

Home > Controls > Block List Device IP: 199.88.184.100  
Current Group: No Group Set

## Block List ?

Group: < 293. Group 293 > Q

**Custom Category Assignments**

**Custom Categories**

- snapchat
- yik yak
- Custom 3
- Custom 4

>>

<<

**Chosen Categories**

Save
Manage Categories

**Block List**

Global
 
+ Add

Delete Selected...
+ Import...
Filter...

✓	Url	Global	Note	Actions

Manually write down which sites are blocked within the blocked list as well as Custom Categories

View the Contents of a Groups Allow List –

Please go to the following location within your iBoss SWG : Home -> Controls -> Allow List

Home > Controls > Allow List Device IP: 199.88.184.100  
Current Group: No Group Set

## Allow List ?

Group: < 293. Group 293 > Q

**Preferences**

ONLY ALLOW access to sites on the Allow List below  NO

---

Default Timed URL Timeout Until Manually Removed

Save

**Custom Category Assignments**

**Custom Categories**

- All schools White List
- Youtube
- Custom 3
- Custom 4

>>

<<

**Chosen Categories**

Save
Manage Categories

**Allow List**

Global
  Keyword / SafeSearch
 
+ Add

Delete Selected...
+ Import...
Scrape
Filter...

✓	Url	Timeout	Global	Safe Search	Note	Actions

Manually write down which sites are allowed within the allow list as well as Custom Categories