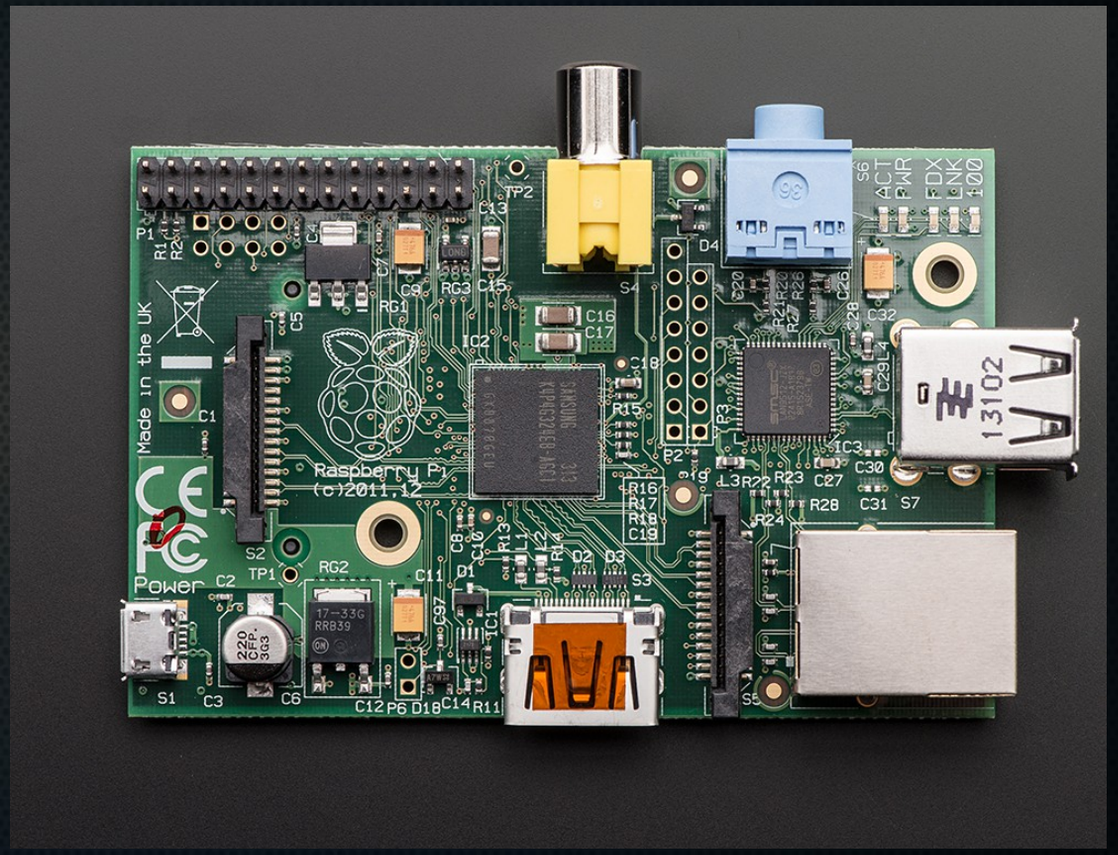
Presentation: *arkOS*
Presented by: *Brian Kroll (foebrian)* *brian@fiberoverethernet.com* *PGP: 0x5E17D55A*

What is arkos?

arkOS is a Linux-based operating system and software stack designed to easily host your own website, webapps, email, "cloud", social networks and more, all within arm's reach.

What is it made of?



What can I do with it?

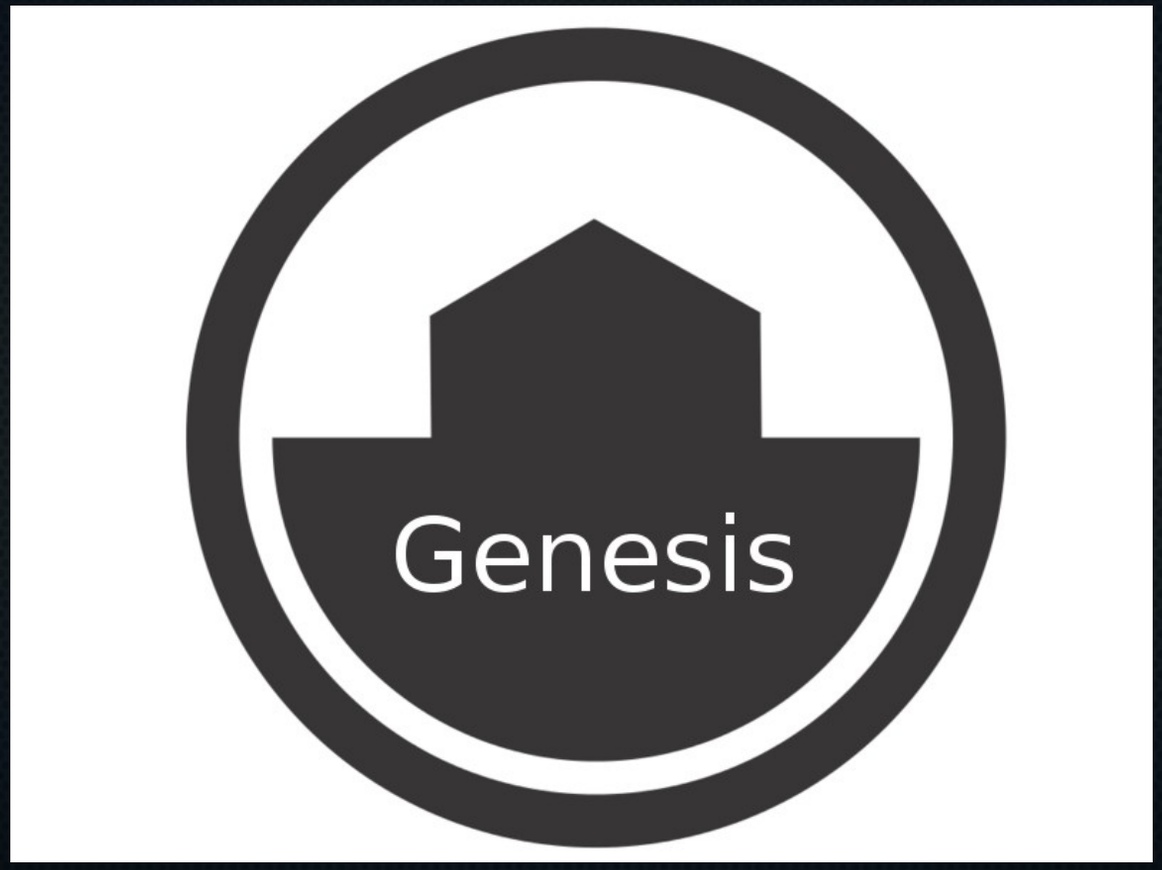
Flask

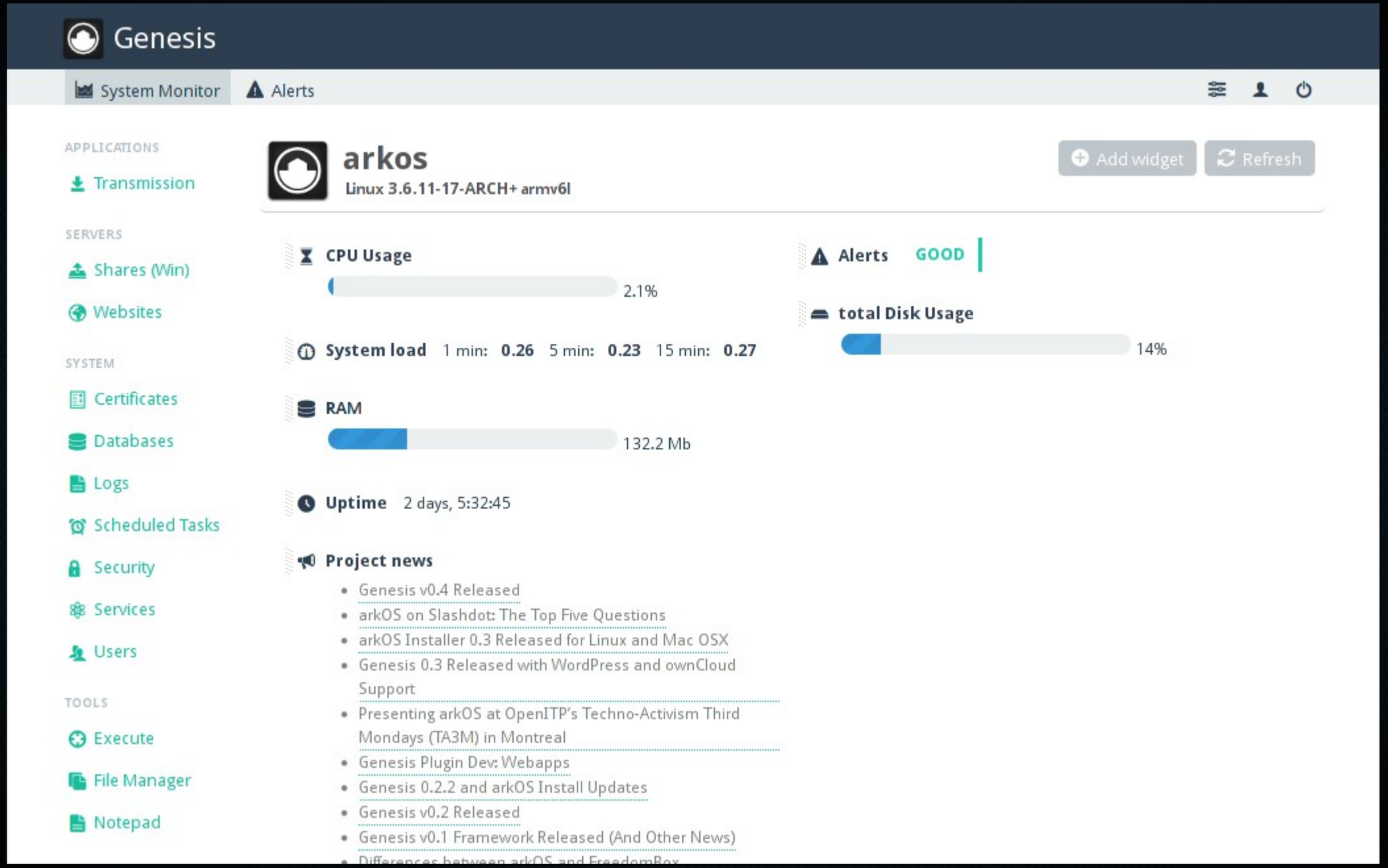
web development,
one drop at a time

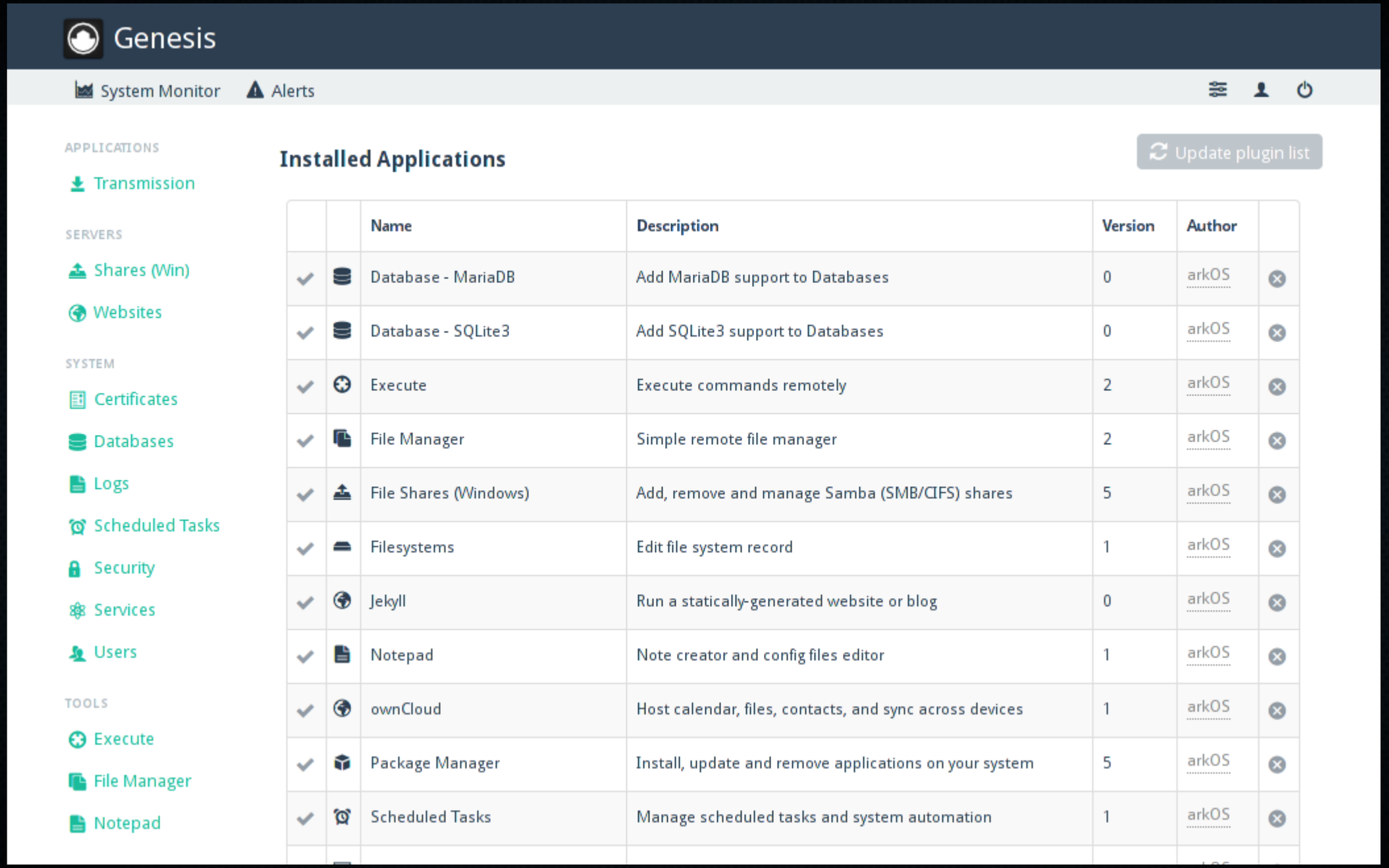
Also...

- Wordpress
- Jekyll
- Transmission BT
- Much more coming soon!

At The Heart of It




Genesis
System Monitor
Alerts
APPLICATIONS
Transmission
SERVERS
Shares (Win)
Websites
SYSTEM
Certificates
Databases
Logs
Scheduled Tasks
Security
Services
Users
TOOLS
Execute
File Manager
Notepad
arkos
Linux 3.6.11-17-ARCH+ armv6l
Add widget
Refresh
CPU Usage
2.1%
Alerts GOOD
total Disk Usage
14%
System load 1 min: 0.26 5 min: 0.23 15 min: 0.27
RAM
132.2 Mb
Uptime 2 days, 5:32:45
Project news
Genesis v0.4 Released
arkOS on Slashdot: The Top Five Questions
arkOS Installer 0.3 Released for Linux and Mac OSX
Genesis 0.3 Released with WordPress and ownCloud Support
Presenting arkOS at OpenITP's Techno-Activism Third Mondays (TA3M) in Montreal
Genesis Plugin Dev: Webapps
Genesis 0.2.2 and arkOS Install Updates
Genesis v0.2 Released
Genesis v0.1 Framework Released (And Other News)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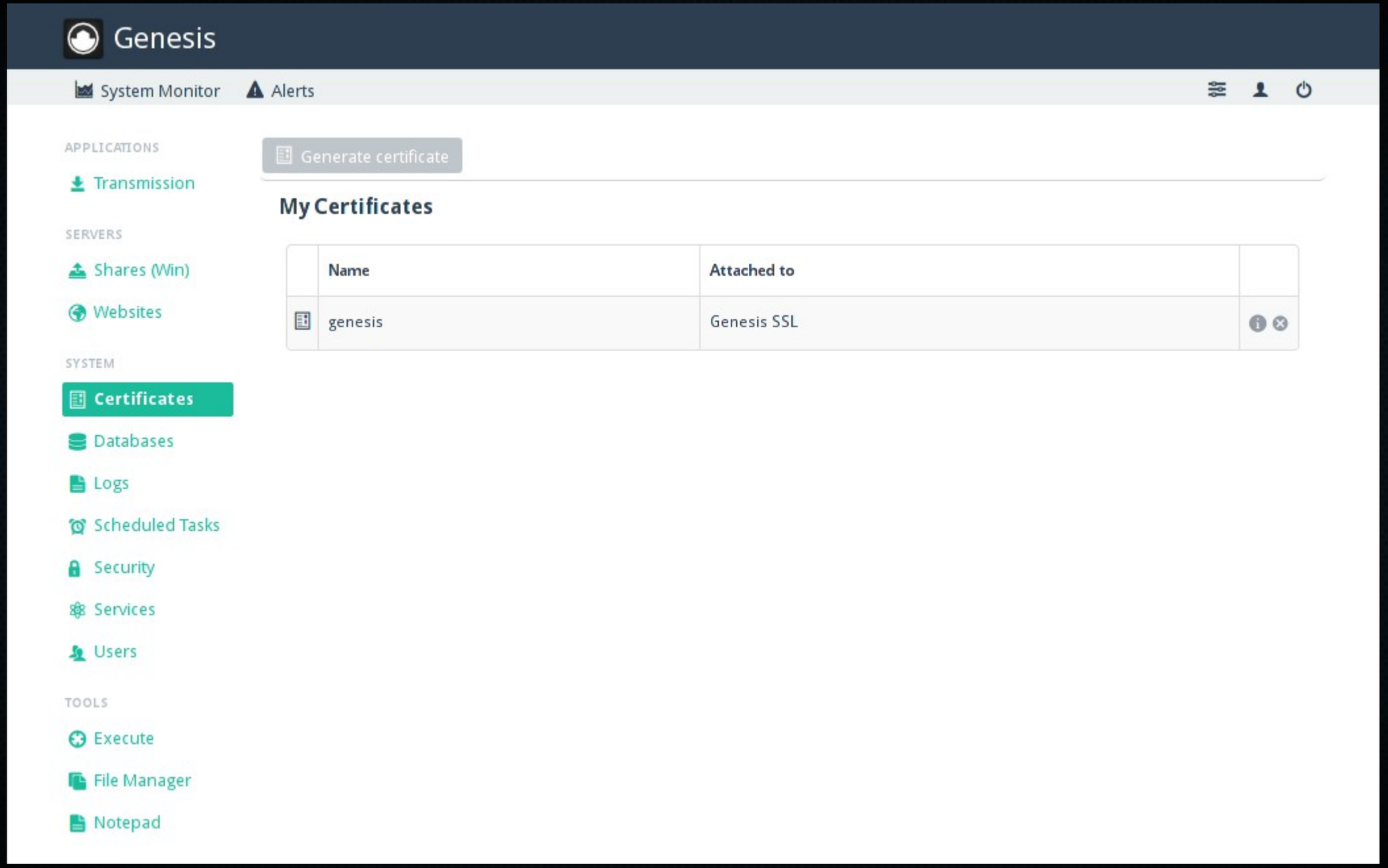
Execute
File Manager
Notepad
Installed Applications
Update plugin list
Name
Description
Version
Author
Database - MariaDB
Add MariaDB support to Databases
0
arkOS
Database - SQLite3
Add SQLite3 support to Databases
0
arkOS
Execute
Execute commands remotely
2
arkOS
File Manager
Simple remote file manager
2
arkOS
File Shares (Windows)
Add, remove and manage Samba (SMB/CIFS) shares
5
arkOS
Filesystems
Edit file system record
1
arkOS
Jekyll
Run a statically-generated website or blog
0
arkOS
Notepad
Note creator and config files editor
1
arkOS
ownCloud
Host calendar, files, contacts, and sync across devices
1
arkOS
Package Manager
Install, update and remove applications on your system
5
arkOS
Scheduled Tasks
Manage scheduled tasks and system automation
1
arkOS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Databases
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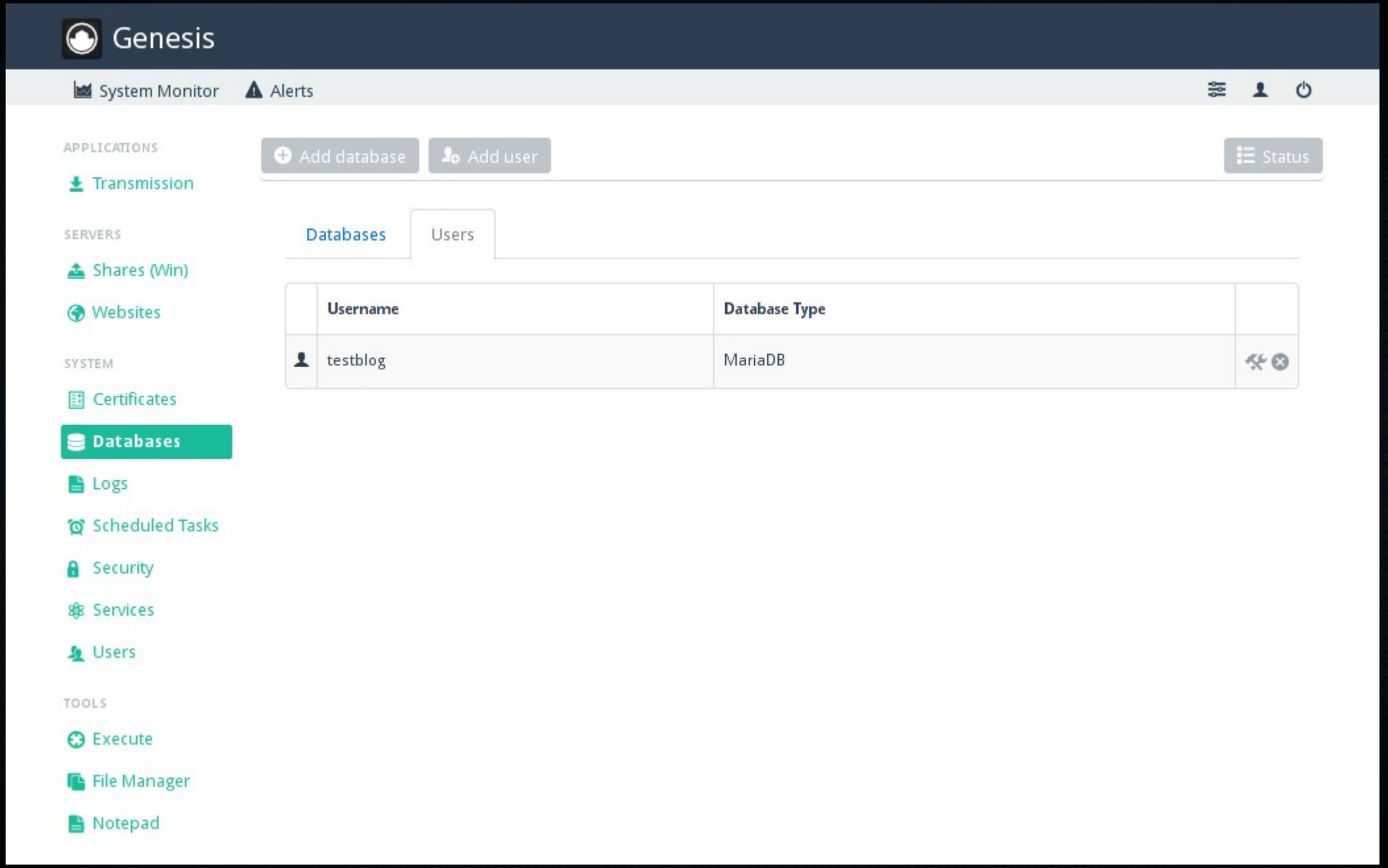
Security
Services
Users
TOOLS
Execute
File Manager
Notepad
Generate certificate
My Certificates
Name
Attached to
genesis
Genesis SSL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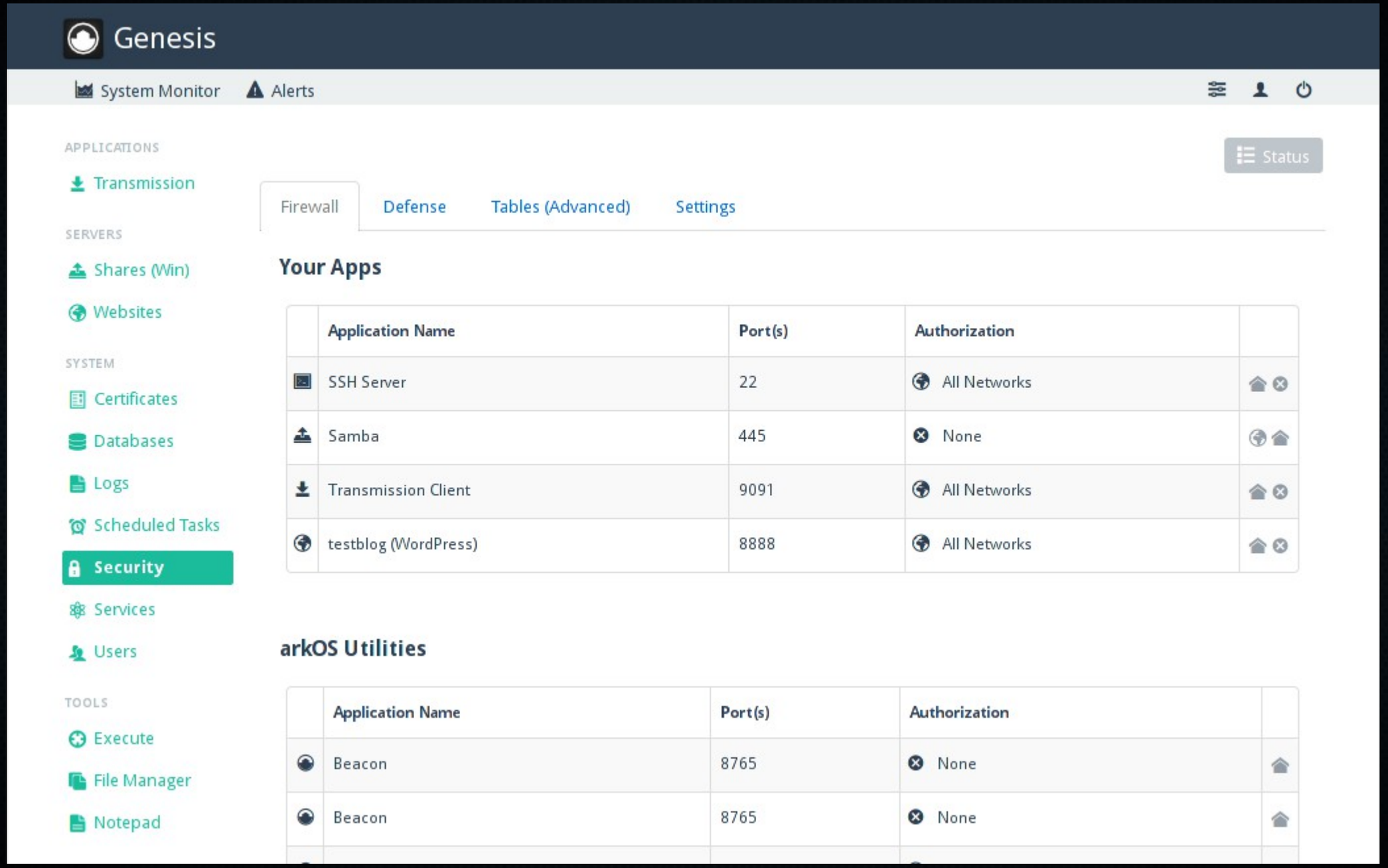
Execute
File Manager
Notepad
Add database
Add user
Status
Databases
Users
Username
Database Type
testblog
MariaDB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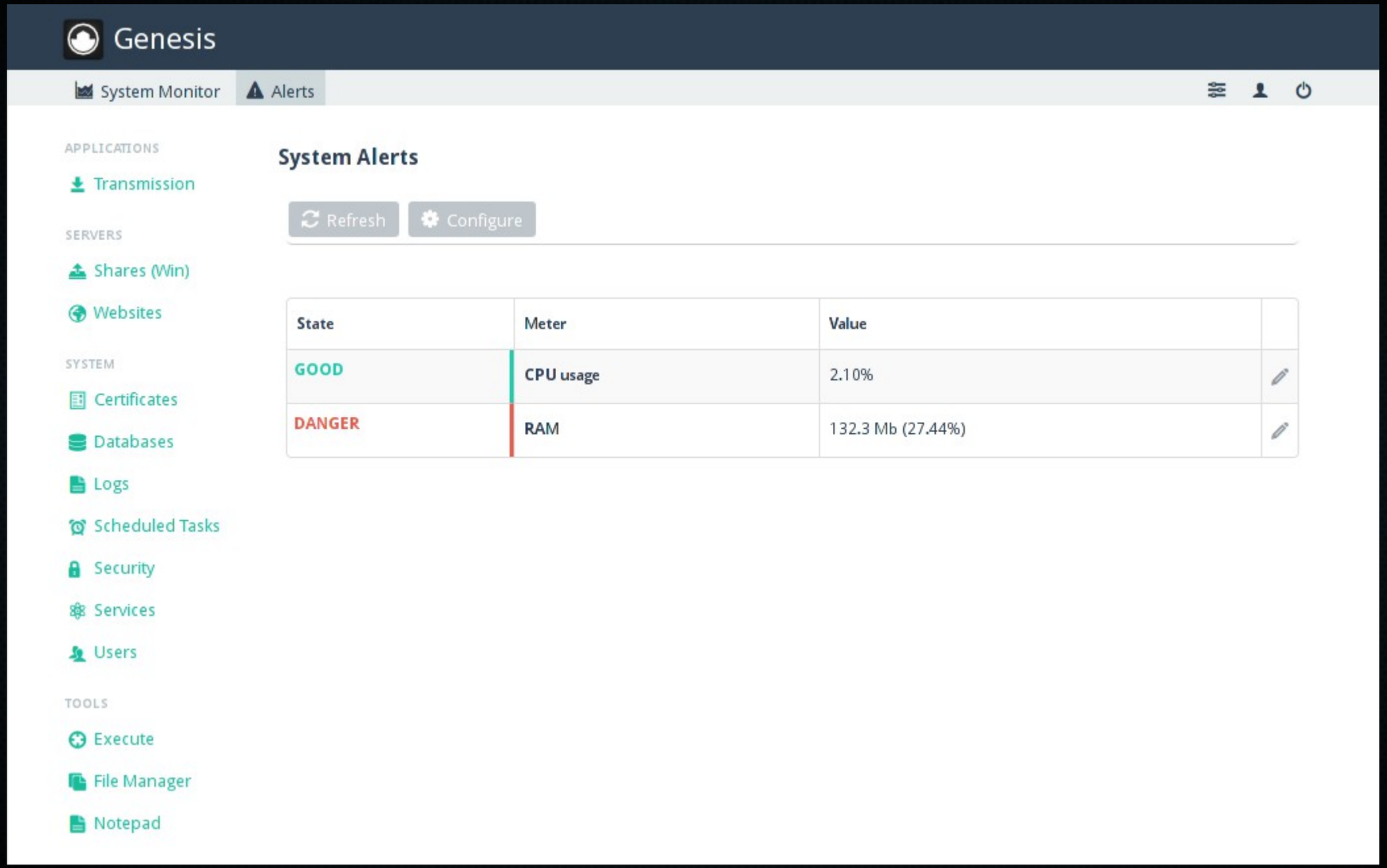
Execute
File Manager
Notepad
Status
Firewall
Defense
Tables (Advanced)
Settings
Your Apps
Application Name
Port(s)
Authorization
SSH Server
22
All Networks
Samba
445
None
Transmission Client
9091
All Networks
testblog (WordPress)
8888
All Networks
arkOS Utilities
Application Name
Port(s)
Authorization
Beacon
8765
None
Beacon
8765
None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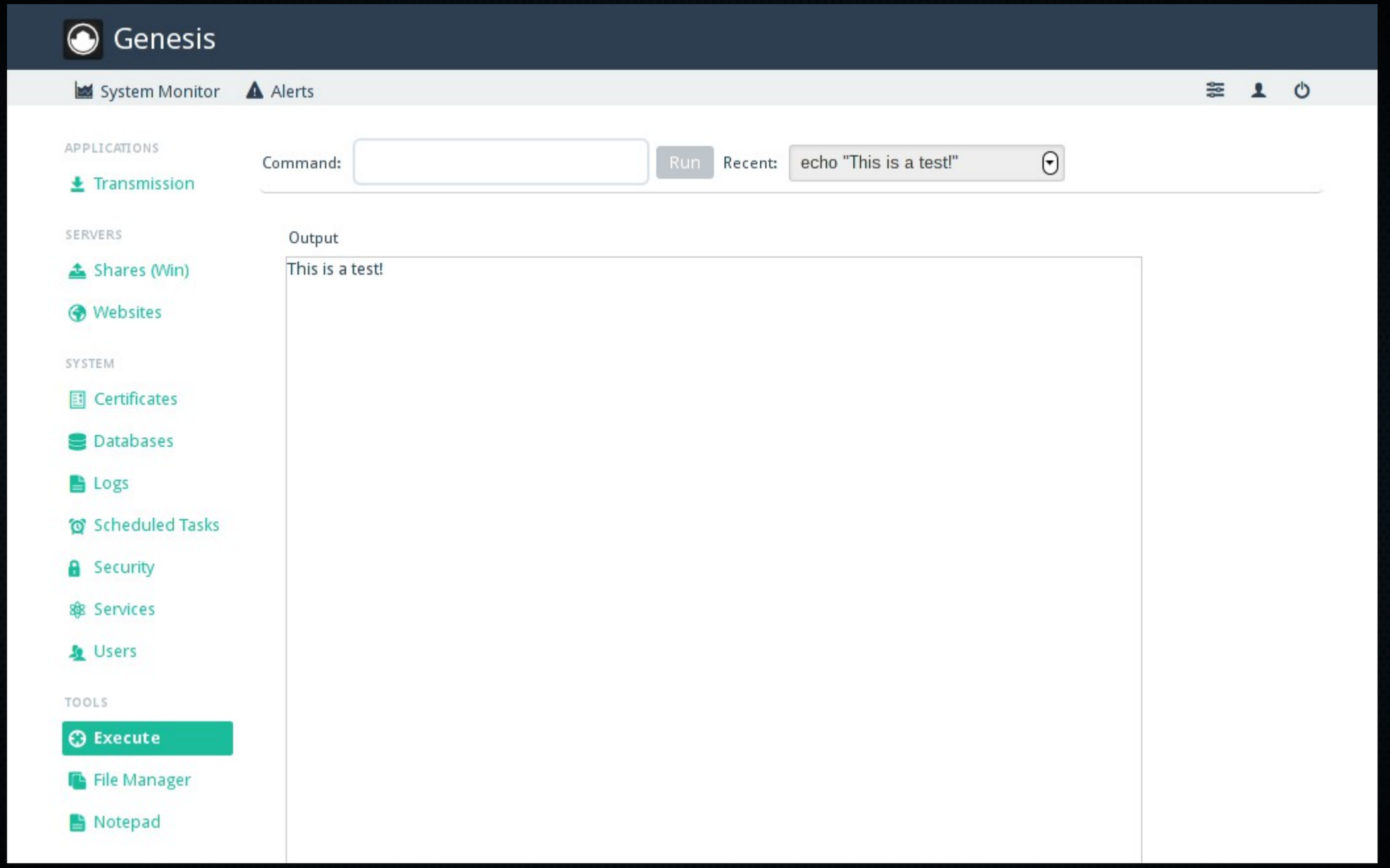
Security
Services
Users
TOOLS
Execute
File Manager
Notepad
System Alerts
Refresh
Configure
State
Meter
Value
GOOD
CPU usage
2.10%
DANGER
RAM
132.3 Mb (27.44%)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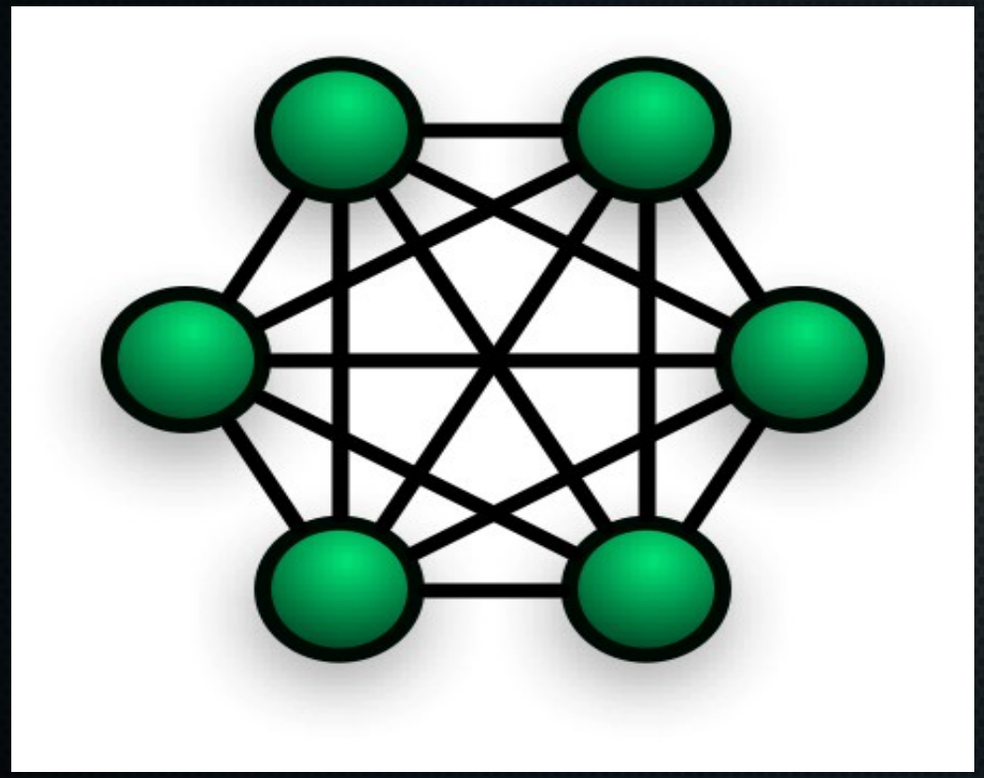
Execute
File Manager
Notepad
Command:
Run
Recent:
echo "This is a test!"
Output
This is a test!

R u 1337 no GUI 4 uz?

Oh The Posibilities!



Great, you sold me now what?

The Links

Main Site: https://arkos.io/

Citizenweb Project: https://citizenweb.is/

Jacob Cook Personal Site: https://peakwinter.net/

Redecentralize Talk (Dated): http://redecentralize.org/interviews/2013/09/12/05-jacob-arkos.html

..however..this is still in alpha!

Contribute!

Application Development

Port Your Software!

Update the Repositories

Answer Questions in the Forum

Spread the Word

Questions?

<Insert Live Demo Here If The Elders of the Internet Permit>

Thank You!