
Installation from ZIP files

A. Hardware Requirements

OS Platform	Linux (Cent OS 5.x) x64_86	Works on other distros too but the folder or binary executables structure may differ.
CPU Requirements	Intel/AMD quad > 2.3 Ghz	Minimum required. The more computing power the better.
RAM Requirements	8 GB DDR2/3 minimum	The more RAM server has the better the app will work.
Disk Space Requirements	2x500 GB SATA drives	Minimum recommended. More HDD space available, more storage.

B. 3rd Party Software & Optional Module - Hardware requirements

Wowza Streaming Engine 4	x1 Dedicated server	http://www.wowza.com/products/streaming-engine#specifications
ip2location DB 4	Required for blocking countries/regions	http://www.ip2location.com/databases/db4-ip-country-region-city-isp

C. Domain IP and Server Config Settings

Domain	Valid .TLD domain required	The domain also requires wildcards enabled in the DNS zone.
IP Information	Public, static IPv4 IP required	At least 1 public, static IP is required.
DNS Services		DNS has to be configured and propagated prior TikiLIVE install.
Required Ports		80, 443, 21, 1935, 1111, 943, 4502:4532, 8080, 8081, 1080, 1081 8086
SELinux	DISABLED	

D. Recommended Backup and Access Procedures

Backup Strategy	Offsite backup / external attached storage backup	It can be done on a remote server over LAN or an external drive attached.
Backup Scheduling	Off peak hours	It must be done during off peak hours to avoid service degradation.
Remote Access Enabled	Optional	Used only for external server support.

E. Required Software Modules, 3rd Party Licenses and Settings

Apache	Apache v 2.2.x	<p>It must have the following modules present:</p> <ul style="list-style-type: none"> • mod_ssl • mod_rewrite • cgi • suexec • suphp
PHP	PHP v 5.3 or newer	<p>Compiled with the following modules:</p> <ul style="list-style-type: none"> • apc • curl • filter • ftp • gd • json • mbstring • mcrypt • memcache • memcached • mhash • mysql • openssl • PDO module with PDO_MYSQL driver • session • soap • sockets • SPL • Uploadprogress • Xml • Xmlreader • Xmlrpc • Xmlwriter • Zip • Zlib • SimpleXML • Reflection • Posix • Date • Dom • Calendar • Bcmath • extension (Ioncube PHP Loader) <ul style="list-style-type: none"> -> The source of this applications are encrypted using the ionCube Encoder. The free ionCube PHP Loader extension is required. • GD2 Image processing extension <ul style="list-style-type: none"> -> GD is used for image processing operations, like image resizing and cropping. • JSON extension • Filter extension

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		<p>php.ini values:</p> <ul style="list-style-type: none">• memory_limit = 64M• magic_quotes_gpc = Off• post_max_size = 128M• upload_max_filesize = 100M• safe_mode = Off• register_globals=off <p>->This MUST be always set to OFF.</p>
MySQL	MySQL v 5.0.x	
Wowza	Wowza v 4	http://www.wowza.com/products/streaming-engine/
cPanel + WHM	www.cpanel.net	cPanel can help in compiling the Apache + PHP with the required modules making it easier to setup.
Mono	www.mono-project.com	<p>For CentOS we use this: http://origin-download.mono-project.com/archive/2.6.7/download/RHEL_5/x86_64/</p> <p>Only these packages:</p> <ul style="list-style-type: none">• monoaddon-libgdiplus0-2.6.7-6.1.x86_64.rpm• mono-addondata-2.6.7-6.1.x86_64.rpm• mono-addon-core-2.6.7-6.1.x86_64.rpm <p>Or compile from source.</p>
ffmpeg	www.ffmpeg.org	<p>Recommended version: git-8759ce6 or Higher</p> <p>->Follow the instructions from the README in extras folder from the archive.</p>
rrdtool	rrdtool v 1.4.5 or newer	rrdtool is used by the QOS module.
NodeJS	NodeJS v 0.10.20	NodeJS is used by the HTML5 live module.
ip2location	www.ip2location.com	DB4 or better.

F. Firewall and Network Configuration

If firewall is present on server it must be configured to allow external connections on following ports (80, 443, 21, 1935, 1111, 943, 4502:4532, 8086, 8080, 8081, 1080,1081).

Additional Notes

Any other missing dependency for the required packages has to be installed by the one in charge of the server administration.

For details on how to Install TikiLIVE ZIP file please [Contact Us](#).