



AppValley NEXT

Press Kit containing detailed information about project NEXT,
the future of tweaked apps and games installation on iOS.



[@App_Valley_vip](https://twitter.com/App_Valley_vip)

What is AppValley NEXT?

AppValley NEXT represents the successor to the well-known AppValley platform which is a third-party AppStore providing tweaked ++ applications, modified and tweaked games, as well as a plethora of jailbreak utilities.

NEXT is AppValley's next way of providing you all the applications and jailbreak tools you've grown to enjoy, even after Apple cracked down on the third-party AppStores.

NEXT is like nothing else you've seen so far. A standalone iOS application capable to take advantage of the available kernel vulnerabilities to provide you with ++ applications and games that cannot get revoked by Apple!

With NEXT you don't have to worry again about certificates being revoked and apps not loading anymore. Just start NEXT every time you reboot the phone and you're good until you reboot again. Even after reboot, your apps don't get deleted.

Why do we need NEXT? I want the old No Computer methods.

TL;DR: Apple literally nerfed that option. The old method every third-party AppStore, including AppValley was using, has long been pathed by Apple at server-side. The No Computer method you remember was based on Enterprise Developer Certificates. Of course, these certificates were not meant to be used by third-party AppStores and Apple kept revoking them making AppValley and the rest require a new one, which went for a lot of money.

So what happened? Right around iOS 13.3, the writing was on the wall. Apple has changed how their Developer certificates work at server-side, after a years long battle against third-party AppStores. Unfortunately, the change has destroyed the method because now certificates only work for a few hours then they automatically get de-authorized.

This is not the same as revoked. The apps still install, but they won't open. There is nothing we can do about this. Some stores, including us, keep buying new certificates to have them working for a few hours before they get de-authorized, but this is just buying some time.

The No Computer method the way you know it is dead and Apple will likely completely nerf it by iOS 14. A new method is necessary and that is the reason we began working on NEXT.

But my XYZ third-party AppStore still works...

This is actually quite toxic. It inoculates to the masses the idea that nothing changed and everything will be fine again. It won't. Enterprise Certificates are dead and so is the No Computer method. Some stores are known to lie that their apps work but what they do is what WE do right now - keep buying new certificates every few hours. Since Apple nerfed them, the price for a certificate has gone very low because by now they are useless after a few hours.

These stores are just trying to milk some more Ad revenue from people that keep coming to download the apps every few hours... It has no future and it just does harm as people refuse to believe this method is over and become reluctant towards using what we create that actually works.

It's not a problem, these stores won't be able to milk ad revenue this way for too long, enterprise certificates are now dead and eventually people will understand that just like untethered jailbreaks, this too has come to an end.

How is NEXT special compared to the certificate method?

NEXT is unique. It's not just a handy-dandy certificate. It uses jailbreak-grade exploits, tfp0, AMFI patches and so on to achieve full system access to be able to install Apps that CANNOT be revoked... EVER!

With NEXT, you don't ever worry about re-signing your ++ applications and tweaked games, and most importantly, you keep the App Data because you don't have to keep on deleting and re-installing the apps, so your accounts remain connected, your game progress remains working and YOU GET NOTIFICATIONS!

NEXT requires one single install via the AppValley Companion computer app which deployed and signs NEXT with your Apple ID (just like Cydia Impactor used to do). This way, you don't have to worry about revokes.

Wait... isn't my free developer account only good for 7 days?

No. The companion application safely saves your credentials so that every few days if your phone is connected to the same WiFi network, the companion automatically re-signs NEXT silently in the background. You don't have to do anything other than be in your house at least once a week with the computer running on the same WiFi. You probably won't even notice that NEXT has re-signed itself.

Wait... do you like... collect my personal info?

Absolutely NO. Aside from the standard cookies and normal server logs every site collects so that it can function, we don't collect any identifiable information. The cookies are used to keep website settings, account info, session and other site data, but they are not containing personally identifiable info.

We DO NOT store your Apple ID and password on our servers. The companion saves them locally on your PC / Mac in encrypted format and sends them to Apple's server to obtain a certificate to re-sign NEXT once a week. Your credentials never go to AppValley's servers. You also have the option to opt out of the unnecessary (performance tracking) cookies as per GDPR.

How does AppValley NEXT achieve apps that don't get revoked?

Technical

Normal AppStores like AppValley, TweakBox, AppCacke and whatnot, don't use any exploits. The old method, the one with the enterprise certificates, just abuses the certificate to mass sign and distribute Apps. The caveat is that Apple has full control when to kill this - and kill they did.

NEXT is different. AppValley NEXT doesn't use Enterprise Certificates to install apps. In fact, we self-sign the apps in place (on your device) to make Apple Mobile File Integrity (AMFI kext), the component that handles App signing, happy.

NEXT uses `task_for_pid(0)` kernel exploits to achieve full patches on AMFI, MACF (Mandatory Access Control Framework) and `installd`, as well as the sandbox, to be able to install whatever the user wants with no restrictions. Any app, any tweaked game, **NO 3 APPS LIMIT!**

During the normal operation, NEXT acquires `task_for_pid(0)`, then proceeds to get root (`setuid(0)`), then it patches the sandbox to obtain access to the Applications staging area in the `/var` user partition. Upon patching the iOS chain that handles iOS Apps installation to allow unsigned and fake-signed applications to be staged and installed, the User Interface Cache is rebuilt so that the apps show up on the screen.

All this happens in a few seconds after downloading the IPA locally, which you do by pressing the "GET" button next to the App name in NEXT. Yes, as simple as that.

Why can't Apple patch this like they did with the Enterprise Certificate Method?

Simple: We do not use any certificates that Apple can easily revoke. We actually fake-sign all the apps you install through NEXT, so Apple can not

revoke anything. NEXT is more or less like a Jailbreak. It certainly is as powerful if not more powerful.

Will AppValley NEXT interfere with my jailbreak app?

No. WE carefully build NEXT to ensure it doesn't break or interfere with any Jailbreak. NEXT detects if there is a jailbreak installed and ensures it doesn't replace or move or in any way alter the jailbreak files. Also, NEXT patches what it needs to patch to install an App only if a jailbreak hasn't already patched that. If it has, it uses Jailbreak's patch to avoid memory corruption and instability.

Is AppValley NEXT limited to 3 apps only like AltStore?

NO. Install as many as you have space on the phone.

Is AppValley NEXT detectable by jailbreak detection in apps? Will I get locked out by Snapchat, my bank apps or other apps that use jailbreak detection?

How do we put this simply... NO.

NEXT doesn't remount the ROOT File System. (ROOT FS), it places binaries only when it needs them then it deletes the temporary files, and therefore it is invisible to the apps. We also don't install Cydia, which is another thing apps look for when detecting apps.

Is AppValley NEXT completely FREE?

Just like its predecessor, AppValley, NEXT is also completely free with FREE updates.

What iOS versions and devices will NEXT support?

All devices running iOS 11 up to iOS 13. As new task_for_pid(0) exploits are released, we update the application to support as many versions as we can.

Conclusions

Due to the recent events, we truly believe the era of No Computer 3rd-Party App Stores with Enterprise Certificates has come to an end, despite other stores lying to milk so more ad revenue from clueless people.

We know transition to a companion app is hard, but it's the only way if you want to reliably be able to install your favorite tweaked apps and games in the future, and we are here, hard at work developing what we believe will be the NEXT AppValley.

Apple quickly changes the landscape, but we're here to innovate and find new and creative ways to get past Apple's walled garden. Are you ready? Let's show Apple that they won a fight, not the war.

Sincerely,

Colton Adamski,

CEO of AppValley, LLC