Patch Management

Ensuring your IT infrastructure is running on the most up-to-date versions of tools and code is vital for the effective running of your applications, systems or network.

As highlighted through the Apache Log4J open source vulnerability, unpatched systems can also be a severe security risk providing malicious actors with easy entry into your system or application. So what can you do?

One of the most effective ways to ensure the efficient running and security of your applications or network is to utilise a patch management service.

What is patch management?

Patch management is the acquiring, testing and installing of multiple code changes, known as patches, on existing applications and software enabling them to stay up to date.

When security patches or updates are released, they are fully tested, repackaged and stored in a repository before being deployed to a server. Before a patch is applied, it usually requires a procedure of approval for each server or a wider network.
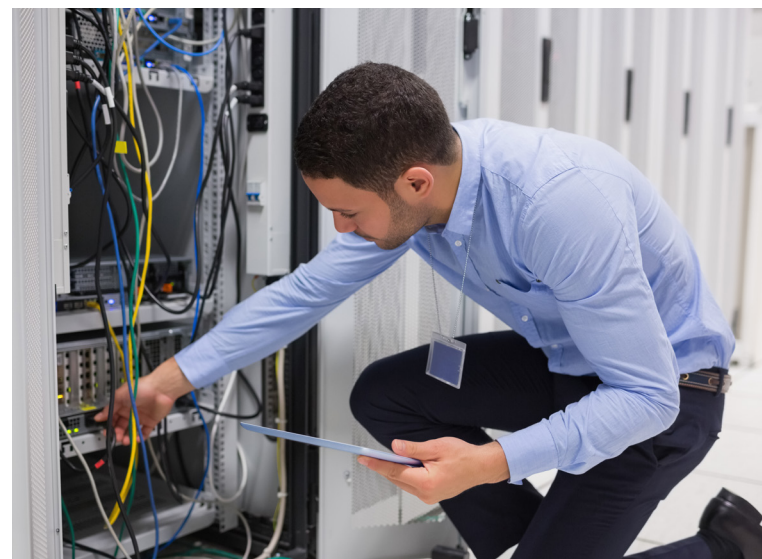
How does patch management work?

Patch management works differently depending on where and how wide the patch is being applied. On a standalone system, the operating system and applications will periodically perform automatic checks to see if patches are available or needed. If new patches are required, they will typically be downloaded and installed without the need for approval from the administrator.

In wider networked environments, organisations will always try to maintain software version consistency across devices and patch management will usually be performed centrally rather than act on every device. Instead, centralised patch management will use a central server that checks hardware for missing patches and distribute where needed.

Why Hyve for patch management?

Our commitment to keeping your platform live and secure means we offer a dedicated patch management service alongside all cloud and server-related services.

Hyve's patch management service will automatically take action in accordance with pre-defined criteria, scheduling configuration when a new security patch or update is available.

Utilising a secure, cross-platform patch discovery and distribution tool, we are able to provide an enterprise-wide patch, software, data and task deployment when and where it is needed.