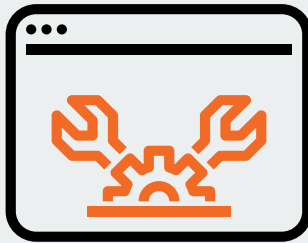


Reliable Operation and Better Performance

Humans have made tremendous technological progress over the past century. Despite that progress, the law of entropy still applies. Everything breaks down eventually. Unfortunately, this includes software and servers. However, the rate of which technology breaks down depends on how well that technology is updated and maintained. This is why regular maintenance is essential to modern IT infrastructure.

Regularly maintained computer servers generally perform better and with fewer incidents and less unplanned downtime, compared to unmaintained servers. Many maintenance tasks can be completed via automation, making it non-intrusive to your everyday operations. Regular maintenance improves availability of your systems, decreasing the likelihood of outages and shutdowns as a result of a system failure.

Comprehensive maintenance results in better technology performance.



Leverage automated tools



Regular event log analysis



Increase the availability of your systems

Keep your systems performing at their best.

There are many tasks associated with proper server maintenance, and many need to be performed off-hours. These important steps can keep your systems performing at their best *and* can keep your data safer.

Basic Server Maintenance Steps

- ✓ **Verify your backups are working:** Before making any changes to your server database and system, be sure that your backups are operating properly.
- ✓ **Check disk usage:** Keep your disk storage clean and don't use your server system as an archival system. Delete old emails and logs that are not in use. A smaller data footprint means faster recovery. Keep an eye on your disk usage if your partition reaches 100 percent, your server may crash and corrupt data.
- ✓ **Update Your OS:** Always update your system. Automated patch management tools have their own limitations and are not a complete solution to ensure your server is updated.
- ✓ **Review user accounts:** If you have staff changes or client cancellations, you will want to remove these users from your system. Storing old sites and users is both a security and legal risk.
- ✓ **Check for hardware errors:** Hardware problems are uncommon but can create big issues, so for on-premises servers regularly review the log for any hardware problems (such as disk read error or network failure).
- ✓ **Review patch status for ancillary applications:** Your operating system is not the only element that gets patched. Make sure your ancillary application are also being updated and patched.
- ✓ **Review antivirus status:** Review your antivirus status on a regularly and make sure that any issues are being fixed. Even automated tools needs to be verified on a ongoing basis.

Even simple maintenance efforts can become complicated, especially if you have complex infrastructure. Outsourcing your maintenance can keep your internal teams focused on the most essential work. To learn more, contact Tigunia today.