Increasing the number of users per server

ivanti

Increase desktop security and reduce IT workload
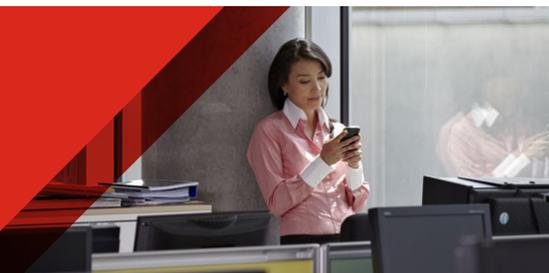
The problem

When server resources such as CPU, Memory and Disk are left unmanaged, there is a high chance that these resources can be excessively consumed resulting in poor performance and reduces the number of users that hardware can support. This leads to organizations having to purchase more hardware to support the users and their workloads.

Inbuilt CPU and Memory controls are not designed for high performance, resource heavy, multi user environments. CPU cycles are consumed by intensive applications, leading to poor response times and applications hanging mid-session. Excessive amounts of Memory is consumed, leading to poor levels of server capacity available, reducing the number of concurrent users a server can support.

Additional hardware purchases directly impacts the bottom line by consuming capital expenditure, and ongoing operational costs also increase as the organization now has to support and more hardware and provide additional power, cooling, maintenance and software licenses.

The solution

Ivanti system resource entitlement allows IT to define user and application based rules that dynamically allocate resources, ensuring the user receives optimal performance no matter where their desktops and applications are hosted.

Ivanti optimizes resources such as CPU, Memory (Virtual and Physical) and Disk usage at an application, user, process and even the thread level, resulting in maximum utilization of hardware resources at all times. With this increase in server utilization, the number of concurrent users accessing the machine can be significantly increased, with no degradation to the end user's quality of service.

Third party tests have shown that Ivanti will increase server capacity by at least 40% on average, meaning huge hardware cost savings can be made.

The impact and savings

Based on Gartner figures, using Ivanti to reduce the number of servers by 40% will save an organization on average $8,531 per server over 3 years. This can provide a return of investment period of less than 6 months and can save an organization $6 for every $1 spent on Ivanti.

The benefits

- Increased server capacity
- Extended hardware lifecycles
- Reduced power consumption and carbon emissions
- More users per server
- Increased quality of service

The proven customer success

Grange Insurance increases user count by 100% with Ivanti

"I was amazed by how much we saved. We were looking at spending $30,000 on additional hardware, storage and support to roll out additional Citrix servers. For a third of that we implemented Ivanti. Even our most resource intensive applications can fit double the number of users on each Citrix server - which is a 100% improvement on server utilization too."

Adam Wilson, Citrix Administrator, Grange Insurance.

Ivanti is prescribed for healthy servers

"With the introduction of Ivanti we have seen a 100% increase in our server capabilities in terms of concurrent connections. This equates to between 60 and 80 users per blade with no degradation in response time. The result has been a projected 20% reduction in the number of servers required to complete the project."

Greg Davis, Senior Enterprise Network Analyst, Banner Health