

NetSuite Datacenter Premium Tiers

Enhance scalability, throughput and scheduling flexibility in high-volume environments

What Are NetSuite Datacenter Premium Tiers?

Some businesses demand extremely high throughput and scalability to process thousands of daily transactions in B2B and B2C environments. For these high-volume businesses, NetSuite Datacenter Premium Tiers offers exceptional capacity for the most demanding environments, as well as enhanced scheduling and configuration options to more closely tailor NetSuite to business needs

NetSuite provides three Datacenter Premium Tiers (Tier 3, Tier 2 and Tier 1), offering as much as a 4x increase in the number of daily transactions compared to a standard NetSuite license.* Each NetSuite Datacenter Premium Tier gives you your own dedicated database storage instance, with your business information stored separately from other NetSuite customers, as well as greater flexibility in timing your NetSuite application and sandbox upgrades.

SuiteCloud Plus Licenses

In conjunction with a NetSuite Datacenter Premium Tier, NetSuite offers SuiteCloud Plus licensing as a mechanism that enables high-traffic NetSuite customers to increase throughput for their transactions. To use an analogy, SuiteCloud Plus is equivalent to expanding a two-lane road to four or more lanes, proportionally increasing traffic volume while the speed limit remains the same. Additionally, a SuiteCloud Plus license can enhance throughput by:

- Increasing the number of queues available for scheduled scripts
- Increasing the number of queues and threads available for CSV import jobs
- Increasing the number of concurrent threads available for web services through support of concurrent web services users

With SuiteCloud Plus licensing, you can designate up to three concurrent web services users, with up to 10 concurrent threads from each user. Prior to SuiteCloud Plus, in the absence of the concurrent web services user support, you had to manually manage concurrent threads.

What Do I Get with a NetSuite Datacenter Premium Tier?

For businesses with high volume requirements—whether they are managing thousands of orders, hundreds of thousands of page hits per day or substantial web services volume—NetSuite Datacenter Premium Tier 2 and Tier 1 provide additional compute resources. Consultation with a NetSuite consultant can help you determine which tier is best for your business based on your requirements and usage. Here are the features offered with each tier.

Tier 3

Tier 3 supplies you with greater flexibility in choosing the timing of your NetSuite automated upgrade from a list of available dates so that it more closely matches the needs of your business, rather than being upgraded on one of NetSuite's standard upgrade dates. In addition, Tier 3 allows for the purchase of a single SuiteCloud Plus license.

Tier 2

Tier 2 includes all the benefits of Tier 3 and the power to process up to 20,000 transactions per day, compared to 10,000 transactions in a standard license. Tier 2 also allows up to two concurrent web services users with 20 threads, 10 scheduled script queues, and five CSV import queues with five threads per job through the purchase of up to two SuiteCloud Plus licenses.

**You can always talk to your NetSuite Consultant about further increasing your transaction throughput.*

Tier 1

Tier 1 includes all the benefits of Tier 2 and the power to process up to 40,000 transactions per day. Tier 1 also allows up to three concurrent web services users with 30 threads, 15 scheduled script queues, and five CSV import queues with 10 threads per job through the purchase of up to three SuiteCloud Plus licenses.

The specifications of a standard NetSuite license and Tier 3, Tier 2 and Tier 1 are illustrated in the table. For businesses with scaling needs beyond those offered by Tier 1, NetSuite provides further throughput capabilities upon request.

Service Level	SuiteCloud Plus Licenses	Concurrent Web Services Users	Scheduled Script Queues	CSV Import Queues / Threads per Job	Transactions per Day
Tier 3	1	1 (10 threads)	5	5/2	10,000
Tier 2	2	2 (20 threads)	10	5/5	20,000
Tier 1	3	3 (30 threads)	15	5/10	40,000

Which NetSuite Datacenter Premium Tier Is Right for Me?

The NetSuite Datacenter Premium Tier you select should be based on careful consultation with a NetSuite consultant and a close examination of your business needs to ensure that you are choosing the right Datacenter Premium Tier to meet your requirements.

For any tier, it's important to recognize that transaction performance can be affected by such factors as pick-pack-ship processes, page composition, web page views, customizations, third-party integrations, and approval, billing and fulfillment processes. Performance of scripts and all integration technology (including web services and CSV) can vary based on complexity of logic, level of customization, remote application and other dependencies.