



# Options

## ONTAP Select

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# Options

## Evaluation licenses

You can use an evaluation license if you want to evaluate ONTAP Select before making the decision to purchase. The evaluation license is included with the ONTAP Select Deploy administration utility and is automatically applied to each ONTAP Select node as part of an evaluation deployment.

### Licensing characteristics

The ONTAP Select evaluation license has the following characteristics:

- A production license with storage capacity is not required
- The node serial number is twenty digits and automatically generated by ONTAP Select Deploy  
(you do not acquire it directly from NetApp)
- The evaluation period provided by the license can be up to 90 days
- The maximum storage allocated by each node is the same as a production license

### Upgrade to a production license

You can upgrade an ONTAP Select evaluation cluster to use a production license. You should be aware of the following restrictions:

- You must use the Deploy administration utility to perform the license upgrade
- A capacity tier license can be used, however capacity pools licensing is not supported
- Each node must have enough storage allocated to support the minimum required for a production license, based on the cluster size

See [Convert an evaluation license to a production license](#) for more information.

## Purchased licenses for production deployments

After you determine that ONTAP Select is suitable for your organization, you can purchase the licenses needed to support a production deployment. You must choose either the capacity tiers or capacity pools licensing model as well as the storage capacity for each deployment.

### Common licensing characteristics

The *capacity tiers* and *capacity pools* licensing models are very different in several respects. However, the two licensing models share several common characteristics, including:

- You must purchase one or more licenses as needed when deploying ONTAP Select in a production environment.
- The storage capacity for a license is allocated in 1 TB increments.

- The storage capacity identifies the raw capacity and corresponds to the total allowable size of the data disks available to the ONTAP Select virtual machine.
- All platform licensing offerings are supported (standard, premium, premium XL).
- You should contact your NetApp account team or partner for assistance as needed when acquiring the necessary licenses.
- You must upload the license files to the Deploy administration utility, which then applies the licenses based on the licensing model.
- After installing and applying a license, you can add additional capacity by contacting your NetApp account team or partner to procure an updated license.
- Both nodes in an HA pair must have the same storage and license capacity.
- An ONTAP Select node that is initially deployed with a purchased license cannot be converted to an evaluation license.

## Capacity tiers licensing model

There are several characteristics unique to the capacity tiers licensing model, including:

- You must purchase a license for each ONTAP Select node.
- The minimum amount you can purchase is 1 TB.
- Each capacity tier license has a storage capacity and is locked to a specific node.
- A nine-digit license serial number is generated by NetApp for each ONTAP Select node.
- The storage allocated to a node is perpetual (no renewal required).
- The node serial number is nine digits and equal to the license serial number.
- You can apply the license file during cluster deployment or within 30 days after creating a cluster.

## Capacity pools licensing model

There are several characteristics unique to the capacity pools licensing model, including:

- You must purchase a license for each shared capacity pool.
- The minimum amount you can purchase is 2 TB.
- Each capacity pool license has a storage capacity and is locked to a specific License Manager instance.
- A nine-digit license serial number is generated by NetApp for each capacity pool.
- The storage allocated to a capacity pool is valid only for a specific time based on the purchase (renewal required).
- The node serial number is twenty digits and is generated by the License Manager based on the capacity pool license serial number.
- Each node automatically leases storage capacity for its local data aggregates from a shared capacity pool.

For more details on the capacity pools licensing model, see the *Capacity pools licensing model* for more information.

## Understand the platform license offerings

You can purchase an ONTAP Select capacity tier or capacity pool license in one of three

platform capacity levels. These license offerings determine the capabilities of the hosts where you deploy ONTAP Select.

## What a platform license offering provides

A specific license offering defines and restricts the capabilities of the hypervisor host in two areas:

- Instance type (CPU, memory)
- Additional features

The license offerings are arranged in an ascending order of capabilities from standard to premium XL. In general, the license option you choose grants you the capabilities of that level and all lower levels. For example, the premium level provides the capabilities of both premium and standard.

## Platform license offerings

There are three platform license offerings available.

### Standard

The standard offering provides the following capabilities:

- Small instance type only
- Hard disk drives (HDD) only
- Local hardware RAID controller only
- vNAS

### Premium

The premium offering provides the following capabilities:

- Small or medium instance type
- Hard disk drives (HDD) or Solid state drives (SSD)
- Local hardware RAID controller or software RAID
- vNAS
- MetroCluster SDS

### Premium XL

The premium XL offering provides the following capabilities:

- Small, medium, or large instance type.
- Hard disk drives (HDD) or Solid state drives (SSD)
- Local hardware RAID controller or software RAID.
- vNAS
- MetroCluster SDS



You can use the large instance type (using the premium XL license) for any configuration but it is not supported on KVM due to performance issues.

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