

Expanding a Xpand AMI Cluster

This page outlines how to expand your Xpand cluster using the Private AMI.

If [you](#) have deployed a cluster using the Private AMI, you must continue to use the Private AMI to expand your cluster.

- [Obtain the appropriate version of the Private AMI](#)
- [Launch instance\(s\) of that AMI](#)
- [Update your License \(optional\)](#)
- [Add Node\(s\) to Your Cluster](#)
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Obtain the appropriate version of the Private AMI

This can be requested [here](#) or by contacting Xpand Support. The AMI should be for the appropriate AWS region and be the same as the version of Xpand that your database is *currently* running.

You may have initially provisioned your cluster using a different AMI, then upgraded to a newer version. For expanding your cluster, Xpand recommends using the AMI for the version currently in use.

Launch instance(s) of that AMI

Ensure that the instances use the same configuration options as your current cluster, including:

- instance type
- key pair
- VPC (where applicable)
- Security Group

Update your License (optional)

If you are expanding your cluster, you may need a license for more cores or nodes. Before expanding your cluster, update your license key in the WebUI or at the command line:

```
sql> set global license = 'license_key_including_braces';
```

After each new node has been prepared using the step above, you are now ready to expand your cluster's capacity.

Add Node(s) to Your Cluster

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Verify Successful Node Addition

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Congratulations, your cluster has been successfully expanded. At this time, your new nodes are part of your cluster and available to service queries, but do not yet contain data. The Xpand Rebalancer will work in the background to move data onto the new node(s). To monitor this process, refer to the instructions regarding [Managing the Rebalancer](#).