The table below list the hardware resources for each virtual machine.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Role** | **# Nodes** | **Machine OS system** | **Processor # (vCPU)** | **Memory** | **Storage** |
| Bootstrap | 1 | RHCOS | 4 | 16 GB | 120 GB |
| Control plane | 3 | RHCOS | 4 | 16 GB | 120 GB |
| Compute | 2 | RHCOS | 2 | 8 GB | 120 GB |
| Bastion Server (Infrastructure) | 1 | RHEL 8 | 2 | 8 GB Recommended | 120 GB |

Make sure to install OpenShift Container Platform version 4.2 using one of the following IBM hardware:

* IBM Z, versions 13, 14, or 15.
* LinuxONE, any version.

**Hardware Requirements**

* 1 LPAR with 3 IFLs that supports SMT2.
* 1 OSA or RoCE network adapter.

**Operating System Requirements**

* One instance of z/VM 7.1.