

PREREQUIS A L'INSTALLATION

SYSTEM

Available Memory

BlueMind's default configuration requires at least **6Gb**.

Locales

The `en_US.UTF-8` must be installed and generated (even if the system is configured to use another locale).

To check that it is installed correctly, use the following command line:

```
$ locale -a | grep en_US
en_US.utf8
```



If no locale is installed, you can generate it with the following command:

```
# local-gen en_US.utf8
```

Linux distribution



BlueMind requires a **blank, dedicated server or virtual machine**.



BlueMind doesn't support LXC technology, you should use KVM instead.

BlueMind requires a **64-bit** version of supported distributions (for Ubuntu, make sure you have the Server version):

- Ubuntu 14.04 LTS Server (Trusty Tahr)
- Ubuntu 16.04 LTS Server (Xenial Xerus)
- Ubuntu 18.04 LTS Server (Bionic Beaver)*
- RedHat 6
- RedHat 7
- Debian 7 Wheezy



Debian 7 Wheezy is no longer supported by Debian

To continue being able to update BlueMind in this distribution, you must update repository addresses in the file `/etc/apt/sources.list`:

```
deb http://archive.debian.org/debian/ wheezy main
deb http://archive.debian.org/debian/ wheezy-backports main
```

- Debian 8 Jessie
- Debian 9 Stretch*

**available for BlueMind 3.5.9 and above*



Repository signature

Repositories are now signed for all supported Ubuntu/Debian distribution – this is a requisite for Ubuntu 18.04 and Debian 9.

You may, if you need or want to, manually import the key on all our supported distributions using the following command:

```
curl https://pkg.bluemind.net/bluemind-deb.asc | apt-key add -
```

Otherwise, a warning may come up during earlier version updates. Please note that this will not disrupt updates.



Ubuntu: Universe repositories

For Ubuntu distributions, the installation of BlueMind requires **universe** repositories. These can be installed using the following commands:

```
add-apt-repository universe
apt update
```

System configuration

To ensure that the installation script is able to run commands with elevated privileges (*sudo*), the `requiretty` directive must not be enabled in the `/etc/sudoers` configuration file. If it is present, you must remove it or keep it as a comment.

NETWORK & DNS

IP address

The server must have a static IP, system-defined or supplied by a DHCP server.

Hostname

The BlueMind server hostname must be configured correctly, and the server name must be resolvable by name from another machine.

Specifically, BlueMind expects the following results to the `hostname` command:

```
$ hostname -s
mail
```

→ must return the short system name, e.g. in this example mail

```
$ hostname -f
mail.blue-mind.net
```

→ must return the fully qualified system name (FQDN), e.g. in this example mail.blue-mind.net

The hostname also has to be properly set in the server's `/etc/hosts` file:

```
IP_SERVER mail.blue-mind.net mail
```

Network cards

If your server has several network cards, the first one (eth0) must bear the BlueMind server's external IP address.

PARTITIONING

The guidelines below are not required but recommended to make your server's maintenance more straightforward.

mount point	description	type	
		NFS	block device
/	root	✓	✓
/var/spool/cyrus	emails	✗	✓
/var/spool/bm-hsm	archived emails	✓	✓

/var/spool/bm-elasticsearch	search index	✘	✔
/var/log	logs	✔	✔
/var/backups/bluemind	backups	✔	✔