

Howto Aloha upgrade

Firmware information

Firmware numbering

ALOHA firmware version is composed by 3 digits separated by dots '.':

<major>.<minor>.<patch set>

Bear in mind to request and install a license for the new major branch when upgrading an ALOHA Virtual Appliance firmware.

Which firmware is currently running?

This information is available from the GUI, in the **Setup** tab:

System	
Hostname:	ALOHA2
Version:	aloha 5.0.3
Firmware revision:	5007 (2012-06-11)
Model:	albva
UUID:	00163E51202A00163E51202A00163E51
ETHID:	00163E51202A
System time:	2012-10-22 09:57:24
Uptime:	0d 0h

Downloading a firmware

The download link is available from ALOHA's GUI, in the **Setup** tab:

<http://www.exceliance.fr/download/aloha/>

You may need a login/password to be able to download a firmware. Just contact the support to get it.

Do I really need to upgrade?

Well, if you're happy with your current firmware: no bugs and no don't need the new features, then **don't upgrade**.

- **Patch set upgrade** are required when you want to fix a known bug.
- **Major and minor upgrades** are required when you want to get new features (as well as bug fixes, of course).

Patch set upgrade

This is the easiest upgrade to manage, since it has no impact on the configuration: the patch set upgrade only includes bug fixes and minor improvements.

1. Get connected on the **Master** ALOHA and force a configuration synchronization to the **Slave**.
2. On both **Master** and **Slave**, save the configuration
3. On **Slave** ALOHA, go in the GUI **Setup** tab, then process the upgrade: point the form to the firmware on your hard disk, click on **Update**.
If everything went well, click on **reboot**.
4. Once **Slave** has rebooted, check its status.
If it looks good, then you can increase its VRRP weight.
In the **Services** tab, Click on the Edit icon from the

Network line then update the **vrp prio** number to be greater than the current master value.

5. Wait at least a couple of hours, in case of issue, you can quickly lower the ex-**Slave** to bring back the ex-**Master** with the old firmware in production.
6. if everything looks fine, then upgrade the ex-**Master**.
Go in the GUI **Setup** tab, then process the upgrade: point the form to the firmware on your hard disk, click on **Update**.
If everything went well, click on **reboot**.
7. Once the ex-**Master** has rebooted, check its configuration.
If it looks good, then you can decrease the ex-**Slave** VRRP weight.
In the **Services** tab, Click on the Edit icon from the **Network** line then update the **vrp prio** number to be lower than the current ex-**Master** value.
8. Don't forget to save the configuration both ALOHA.

Major and Minor upgrade

Ascending compatibility is guaranteed for both **major** and **minor** upgrades. But this kind of upgrade may modify your running configuration in background.

So, in case of issue, a **downgrade** may not be possible. So please follow carefully the steps below when processing such kind of upgrade:

1. Get connected on the **Master** ALOHA and force a configuration synchronization to the **Slave**.
2. On both **Master** and **Slave**, save the configuration
3. On both **Master** and **Slave**, export the configuration.
Update the filename with the firmware version number currently running.
4. On **Slave** ALOHA, go in the GUI **Setup** tab, then process the upgrade: point the form to the firmware on your hard disk, click on **Update**.
If everything went well, click on **reboot**.
5. Once **Slave** has rebooted, check its configuration.
If it looks good, then you can increase its VRRP weight.
In the **Services** tab, Click on the Edit icon from the **Network** line then update the **vrp prio** number to be higher than the current master value.
6. Wait at least a couple of hours, in case of issue, you can quickly lower the ex-**Slave** to bring back the ex-**Master** with the old firmware in production.
7. if everything looks fine, then upgrade the ex-**Master**.
Go in the GUI **Setup** tab, then process the upgrade: point the form to the firmware on your hard disk, click on **Update**.
If everything went well, click on **reboot**.
8. Once the ex-**Master** has rebooted, check its configuration.
If it looks good, then you can decrease the ex-**Slave** VRRP weight.
In the **Services** tab, Click on the Edit icon from the **Network** line then update the **vrp prio** number to be lower than the current ex-**Master** value.
9. Don't forget to save the configuration both ALOHA.