

All of the Advanced Options for HA

We manage to get all the HA advanced options. With ESX 3.5 Update 2 VMware added a couple of extra advanced options, this is the complete list:

- `das.failedetectiontime` – Amount of milliseconds, timeout time for isolation response action (with a default of 15000 milliseconds).
- `das.isolationaddress[x]` – IP address the ESX hosts uses for its heartbeat, where `[x]` = 1-10. It will use the default gateway by default.
- `das.usedefaultisolationaddress` – Value can be true or false and needs to be set in case the default gateway, which is the default isolation address shouldn't be used for this purpose.
- `das.poweroffonisolation` – Values are False or True, this is for setting the isolation response. Default a VM will be powered off.
- `das.vmMemoryMinMB` – Higher values will reserve more space for failovers.

The new ones:

considered for VMware HA usage. This permits a host to have only one NIC configured for management and VMotion combined.

- `das.vmCpuMinMHz` – Higher values will reserve more space for failovers.
- `das.defaultfailoverhost` – Value is a hostname, this host will be the primary failover host.
- `das.failedetectioninterval` – Changes the heartbeat interval among HA hosts. By default, this occurs every second (1000 milliseconds).
- `das.allowVmotionNetworks` – Allows a NIC that is used for VMotion networks to be
- `das.allowNetwork[x]` – Enables the use of port group names to control the networks used for VMware HA, where `[x]` = 0 – ?. You can set the value to be Service Console 2 or Management Network to use (only) the networks associated with those port group names in the networking configuration.
- `das.isolationShutdownTimeout` – Shutdown time out for the isolation response "Shutdown VM", default is 300 seconds. In other words, if a VM isn't shutdown clean when isolation response occurred it's being powered off after 300 seconds.

Please check Duncan's post around this for the latest informations: <http://www.yellow-bricks.com/2008/10/06/update-ha-advanced-options-2/>