

# NEC ExpressCluster X for Windows R3 (v3.1.5.1) Release Notes

*April, 2013*

This is a minor update for the ExpressCluster X R3 major release for Windows that is backwards compatible with previous ExpressCluster X R3 releases.

## **What's New Since v3.1.0.1**

- **For WAN, LAN, and SAN Editions**
  - New cluster configuration option to exclude selected nodes from emergency shutdown/reboot action when split-brain (i.e. multiple active instances of same application group) condition is detected.
  - Windows Server 2012 OS is now supported including the Hyper-V virtualization hypervisor role.
  - For Windows Server 2012 Hyper-V live migration is now possible for failover recovery of virtual machine resources.
  - Display of registered license information is now available in the WebManager.
  - Shortcut icon for WebManager is now created on the server desktop by the ExpressCluster installer.
  - Warning is now displayed when attempting to close WebManager browser window in Config Mode with unsaved configuration changes.
  - The floating IP monitor resource and message receive monitor resource can now be set to individual servers.