



Version 4.0 **New** Enhancement

May, 2018

NEC Corporation,
Cloud Platform Division,
(EXPRESSCLUSTER)



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NEC brings together and integrates technology and expertise to create the ICT-enabled society of tomorrow.

We collaborate closely with partners and customers around the world, orchestrating each project to ensure all its parts are fine-tuned to local needs.

Every day, our innovative solutions for society contribute to greater safety, security, efficiency and equality, and enable people to live brighter lives.

EXPRESSCLUSTER X 4.0 Feature Enhancement List

Expanded License Types, Latest Platform Supports, and Enhanced Usability

- Enhanced Cloud Support
- GUI Enhancements including Dashboard Feature
- Fixed Term Licenses
- Supports Latest Platforms
- Additional Enhancements
 - HTTPS support
 - Extended Specifications
- Notes

Enhanced cloud support

Added "AWS DNS resource" to allow accessing from outside of VPC

Easier building in cloud environment

Just input values to GUI

[awsdns] Resource Properties

Info Dependency Recovery Operation Details

Common r-osshimo-pc-39

Hosted Zone ID HOSTZONEID

Resource Record Set Name awsdns.test.local.

IP Address 10.0.0.101

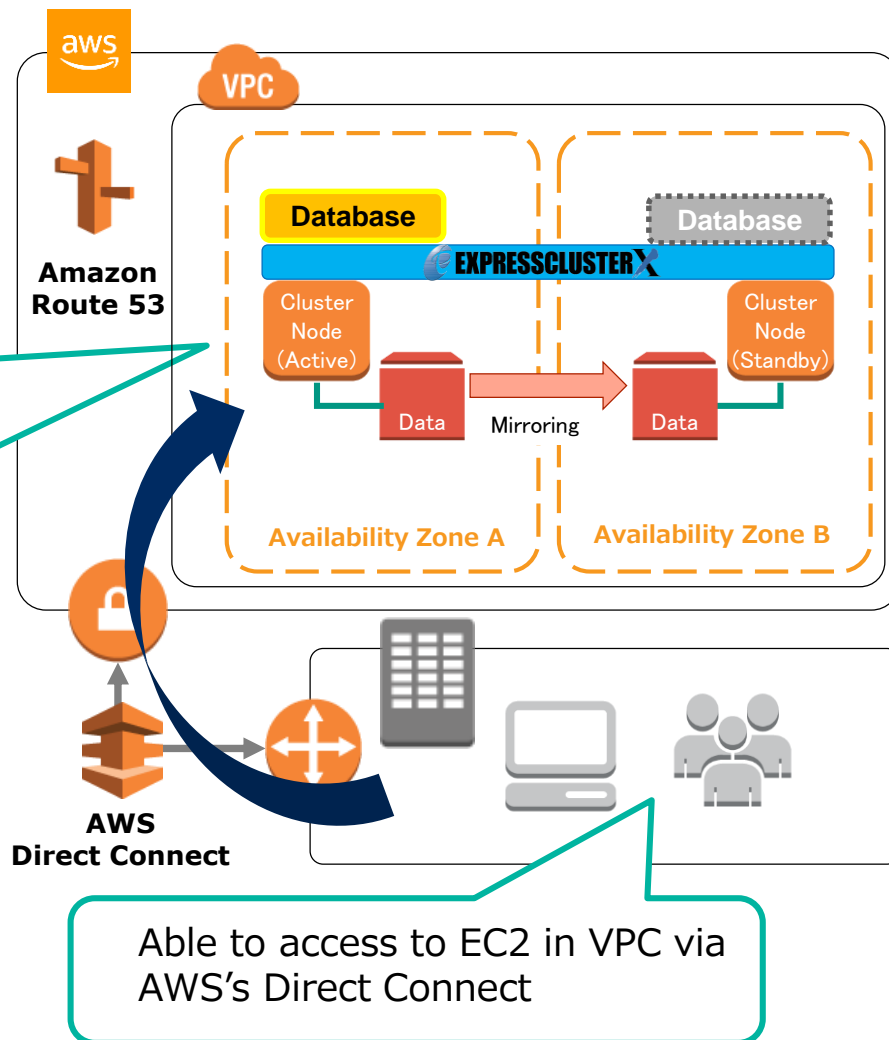
TTL 300

☒ Delete a resource record set at deactivation

Revised construction guides will be provided as well

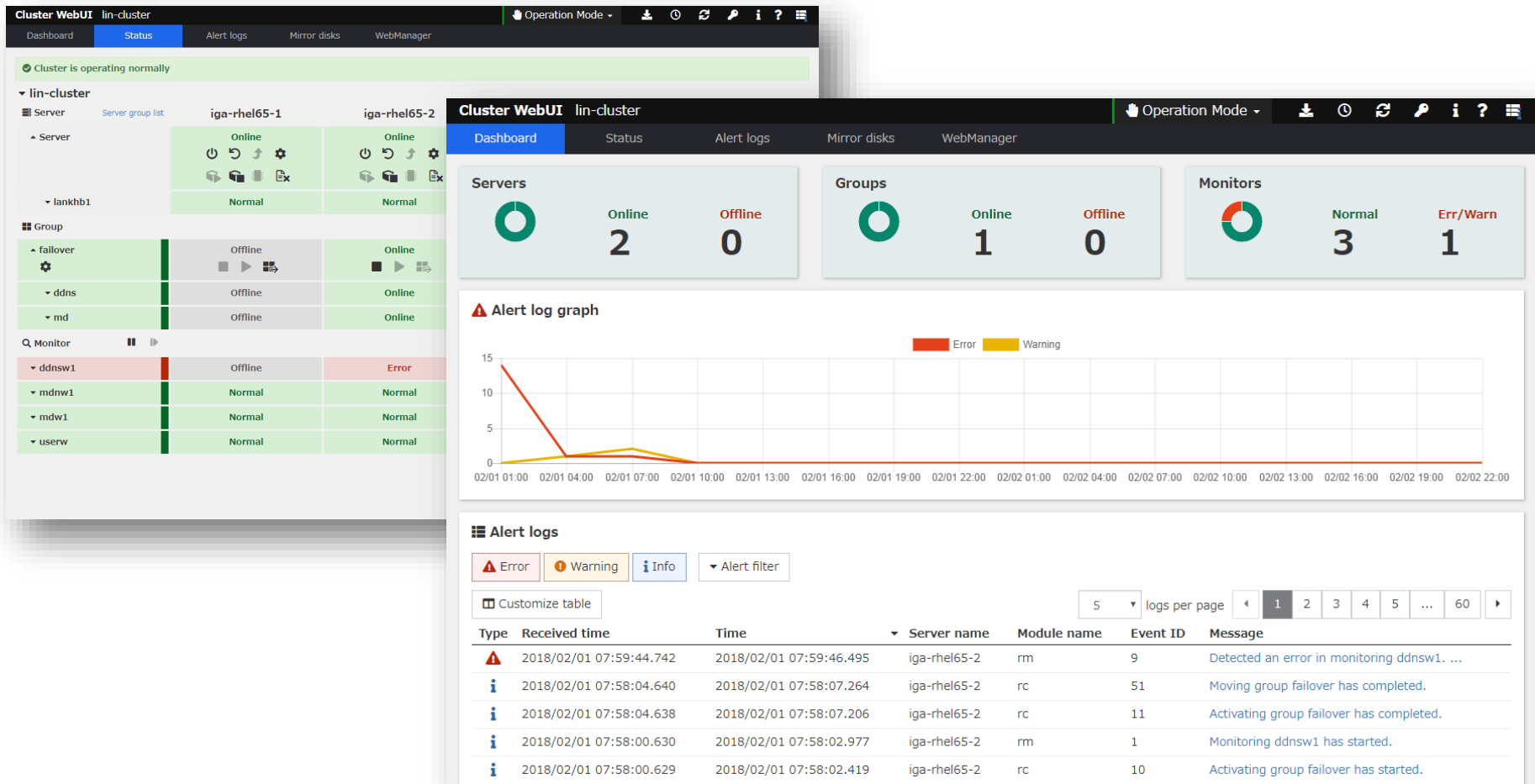
- Construction guide for Amazon Web Services
- Construction guide for Microsoft Azure

<https://www.nec.com/en/global/prod/expresscluster/en/support/Setup.html#Cloud>



Dashboard Feature

Possible to check cluster status graphically in JavaScript-based GUI



* The screenshot is taken when the product is under development.

* Existing Java-based WebManager will be available as well.

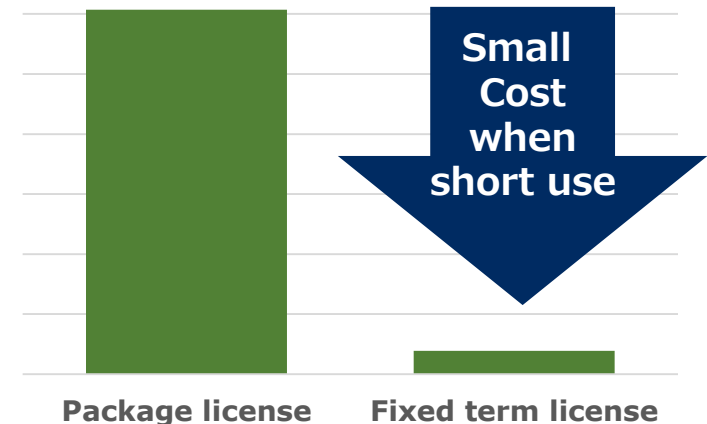
Fixed Term License

Short-term event or a small start of a new business can be used

Possible to suppress a cost in case of short use or small start of a new business.

- 1 month unit.

price



- **Quotation Sample**

With 1 month standard support

Assumption of 2 node mirror composition

CODE	DESCRIPTION	UNIT PRICE (JPY)	QUANTITY	AMOUNT (JPY)
UL1276-A01L-I	EXPRESSCLUSTER X CD 4.0	10,000	1	10,000
UL1276-A82L-I	EXPRESSCLUSTER X 4.0 for Windows VM Fixed Term License (1 Month, 1 Node)	12,500	2	25,000
UL1276-A83L-I	EXPRESSCLUSTER X Replicator 4.0 for Windows Fixed Term License (1 Month, 1 Node)	8,400	2	16,800

Total 51,800 (After 2nd month 41,800)

Purchase of a CD is unnecessary the after 2nd month.

Corresponding PPSupportPack needs to be purchased separately.

Expanded supported platforms

Supports latest OS of Windows / Linux

	Windows	Linux
Architecture	x86_64 server	x86_64 server, POWER server
Operating Systems	Windows Server, version 1709 Windows Server 2016 Windows Server 2012 R2 Windows Server 2012	Red Hat Enterprise Linux 7.3 - 7.4 Red Hat Enterprise Linux 6.8 - 6.9 Asianux Server 7 (SP1 - SP2) Asianux Server 4 (SP6 - SP7) Novell SUSE LINUX Enterprise Server 12 (SP1) Novell SUSE LINUX Enterprise Server 11 (SP3 - SP4) Ubuntu 16.04 LTS Ubuntu 14.04 LTS Oracle Linux 7.3 / 6.6

Notes

- 32bit OSs are no longer supported. Please use ECX 3.3 to use with 32bit OSs.

Additional Enhancements

- Possible to connect to WebManager via HTTPS protocol

- Extended Specifications

- Number of mirror disk resources and hybrid disk resources is expanded to 22 (Windows) or 32 (Linux).

- Multiple CPU licenses and 2 node licenses will be no longer provided. Use necessary number of 1 CPU licenses and 1 node licenses instead.
- Modules for 32bit OSs will be no longer provided. Use ECX 3.3 if you want to use on 32bit OSs.
- Obsolete versions of applications and OSs are no longer supported. Latest supported versions will be listed in the Startup guide.
- Rolling upgrade is not possible from ECX 3.x or prior. Upgrading requires some downtime during the procedure. Startup guide will have detailed procedures to upgrade.
- Some default values has been changed. It means some settings may change after upgrading from ECX 3.x. Startup guide will have detailed descriptions.

Thank You



An Integrated High Availability and Disaster Recovery Solution

For more product information & request for trial license,
visit >> <https://www.nec.com/en/global/prod/expresscluster/>

For more information, feel free to contact us - info@expresscluster.jp.nec.com



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