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.
NEC released the solution for increasing availability of SAP HANA® on AWS!

With this solution, EXPRESSCLUSTER enables to automatically detect the system failure using SAP HANA on AWS, and operation can be taken over to standby server. This leads to high availability and efficient operation which is required in mission critical systems.

NEC EXPRESSCLUSTER achieved No.1 Market Share for Availability and Clustering Software in Asia Pacific Region for 5 Straight Years.

Source: IDC Japan, June 2014 “Japan System Software 2014-2018 Forecast and 2013 Analysis” (J14350103)
IDC AP, October 2014 “Asia/Pacific (Excluding Japan) Availability and Clustering Software Market Update 2014” (AP246216)

EXPRESSCLUSTER achieves high availability which is required for mission critical systems on AWS!

Automatic failover in case of failure
- SAP HANA is monitored by EXPRESSCLUSTER from both hardware and software aspect and automatic failover is executed in case of failure. (Manual failover with SAP’s HA function)
- Virtual IP address is automatically switched to server where failover group is active and application services are running to ensure the business continuity

Operation is not stopped in the event of disaster
- Disaster recovery can be achieved with redundant configuration over multiple Availability Zone on AWS
**Cloud Resource (\*)**

Setup for public cloud is simplified!

- Setup is done by applying values in simple GUI. Operation which needs cloud service API knowledge such as virtual IP address is simplified.
- Amazon Web Service (AWS) and Microsoft Azure are supported.

**Very simple GUI setting**

(*) Cloud resource is generic name of group resource and monitor resource which is used for implementing EXPRESSCLUSTER on public cloud. In the product, following names are displayed. “AWS elastic IP resources”, “AWS virtual IP resources”, “Azure probe port resources”, “AWS elastic IP monitor resources”, “AWS virtual IP monitor resources”, “AWS AZ monitor resources” “Azure probe port monitor resources”, “Azure load balance monitor resources”
EXPRESSCLUSTER supports new distribution!

- **Linux**
  - Red Hat Enterprise Linux 7.0
  - Red Hat Enterprise Linux 6.6
  - Red Hat Enterprise Linux 5.11
  - Ubuntu 14.04 LTS Server (x64)

- **IBM POWER**
  - Red Hat Enterprise Linux 7.0
  - Red Hat Enterprise Linux 6.6

Please find more details on the website!

Thank You

An Integrated High Availability and Disaster Recovery Solution

For more product information & request for trial license, visit >> http://www.nec.com/expresscluster

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