

ITA\_System Configuration / Environment Construction Guide

Host group function

－Version1.3－

Copyright © NEC Corporation 2019. All rights reserved.

Disclaimer

All the contents of this document are protected by copyright owned by NEC Corporation

Unauthorized reproduction or copying of all or part of the contents of this document is prohibited

The contents of this document are subject to change without prior notice in the future.

NEC Corporation is not responsible for any technical or editorial errors or omissions in this document.

NEC Corporation do not guarantee accuracy, usability, certainty of the content in this document.

Trademark

* Linux is registered trademark or trademark of Linus Torvalds, registered in the U.S. and other countries.
* Red Hat is registered trademark or trademark of Red Hat, Inc. registered in the U.S. and other countries.
* Apache, Apache Tomcat and Tomcat are registered trademarks or trademarks of the Apache Software Foundation.
* Oracle and MySQL are registered trademarks of Oracle Corporation and its subsidiaries and affiliates in the U.S. and other countries.
* MariaDB is a registered trademark or trademark of the MariaDB Foundation

The names of other systems, company name and products mentioned in this document are registered trademarks or trademarks of their respective companies.

※「Exastro IT Automation」　is written as 「ITA」 in this document.

# Table of contents

[Table of contents 2](#_Toc32827123)

[Introduction 3](#_Toc32827124)

[1 Overview of host group function 4](#_Toc32827125)

[2 System configuration 5](#_Toc32827126)

[3 System requirements 6](#_Toc32827127)

# Introduction

This document describes the system configuration and environment construction to operate the ITA host group functions.

To use the host group function, it is assumed that the ITA basic function has been constructed. Please refer to 「System Configuration / Environment Construction Guide\_Basics」 for the construction of ITA basic functions.

# Overview of host group function

The host group function has the following uses. Please refer to 「User instructions manual\_host group function」 for details.

Table 1‑1 Overview of the host group function

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Function name | Use | WEB  Contents | BackYard  Contents |
| 1 | Host group function | Hosts are grouped together into logical units(Functions/Roles)to manage the input parameters | ○ | ○ |

# System configuration

The system configuration of the host group function is the same as the ITA system.

The figure illustrates a balanced HA type configuration, which is the recommended configuration for the ITA system.

※ The omitted configuration diagram is described here. Please refer to 「System Configuration/Environment Construction Guide\_Basic」 fo further details.

ITA System/Host group function

AP/DB Server [SBY]

BackYard

function

AP/DB Server [ACT]

DB

Session management

Uploaded File

DB connection information

n

DBMS

Web Server [ACT]

Web Server [ACT]

Web

function

Web Server [ACT]

DB connection information

**Host group function**

Load Balancer

s

**Host group**

**Function**

External installation data

# System requirements

The system requirements for the host group function are as follows. Please refer to 「System Configuration / Environment Construction Guide\_Basic」 to follow with system requirements of the ITA system.