

IT Automation

Server distributed HA

Configuration

※In this document, Exastro IT Automation will be written as "ITA".

Ver 1.7

Exastro developer

Introduction

1. About this document

- This document describes the manual installation procedure needed to construct an ITA HA Configuration.
- This document assumes that the following deploy lines will be constructed.

<https://exastro-suite.github.io/it-automation-docs/learn.html#deploy>

Exastro IT Automation High availability Configuration

- The manuals refered to in this document are as shown below
When constructing an environment, please refer to the respective manuals in the specified order.
※ Please perform every step in this guide as root user.

O r d e r	Environment	Manual	Goal				
			ITA common	Ansible	Ansible Tower	Cobbler	Terraform
1	External storage	【Appendix】ITA-Server distrubuted HA configuration installation manual 1 (External storage)	●	●	●	●	●
2	DBMS	Appendix】ITA-Server distrubuted HA configuration installation manual 2 (DBMS)	●	●	●	●	●
3	backyard	【Appendix】ITA-Server distrubuted HA configuration installation manual 3 (backyard)	●	●	●	●	●
4	Ansible	【Appendix】ITA-Server distrubuted HA configuration installation manual 4 (Ansible)		●	●		
5	Ansible Tower	【Appendix】ITA-Server distrubuted HA configuration installation manual 5 (Ansible Tower)			●		
6	Cobbler	【Appendix】ITA-Server distrubuted HA configuration installation manual 6 (Cobbler)				●	
7	Terraform	【Appendix】ITA-Server distrubuted HA configuration installation manual 7 (Terraform)					●
8	Web/AP	【Appendix】ITA-Server distrubuted HA configuration installation manual 8 (Web・AP)	●	●	●	●	●

2. Requirements

- Please refer to the following documents for information regarding ITA Requirements

<https://github.com/exastro-suite/it-automation-docs/raw/master/asset/Documents/Exastro-ITA System Configuration Environment Construction Guide Basic.pdf>

Exastro-ITA_System_Configuration_Environment_Construction_Guide_Basic

1.1 Server requirements

- Please check each of the following documents for the operational requirements of the link drivers.

<https://github.com/exastro-suite/it-automation-docs/raw/master/asset/Documents/Exastro-ITA System Configuration Enviroment Construcion Guide Ansible-driver.pdf>

Exastro-ITA_System_Configuration_Enviroment_Construcion_Guide_Ansible-driver

3. System requirements

<https://github.com/exastro-suite/it-automation-docs/raw/master/asset/Documents/Exastro-ITA System Configuration Enviroment Construcion Guide Cobbler-driver.pdf>

Exastro-ITA_System_Configuration_Enviroment_Construcion_Guide_Cobbler-driver

3. System requirements

3. Open port

- ITA uses the ports listed in the following document for communication between systems (servers), so please refer to that document and open the necessary ports

<https://github.com/exastro-suite/it-automation-docs/raw/master/asset/Documents/Exastro-ITA System Configuration Environment Construction Guide Basic.pdf>

Exastro-ITA_System_Configuration_Environment_Construction_Guide_Basic

2.2 System communication requirements