IT Automation

Server distrubuted HA

Configuration

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

Exastro IT Automation Version 1.11

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.

Order	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