IT Automation

HA configuration

Installation manual

※**"Exastro IT Automation" is referred to as "ITA" in this**

Version 1.6.1

Exastro developer

Introduction

1. About this manual

・This manual introduces the manual installation procedure for the HA configuration of ITA.

・This manual is written assuming to build the following deployment example.

  https://exastro-suite.github.io/it-automation-docs/learn.html#deploy
  Exastro IT Automation High Availability configuration

・In order to construct the target environment, the following is the list of manual referenced in this manual.
  When constructing the environment, please refer to the manuals according to the "Construct order".
  ※ Please perform the environment construction in this manual as root user.

Construction order	Construction environment	Manual name	Target				
			ITA Common	Ansible	Ansible Tower	Cobbler	Terraform
1	External storage	【Appendix】IT Automation HA configuration installation manual_1_(External storage	●	●	●	●	●
2	DBMS	【Appendix】IT Automation HA configuration installation manual_2_(DBMS)	●	●	●	●	●
3	backyard	【Appendix】IT Automation HA configuration installation manual_3_(backyard)	●	●	●	●	●
4	Ansible	【Appendix】IT Automation HA configuration installation manual_4_(Ansible)		●	●		
5	Ansible Tower	【Appnedix】IT Automation HA configuration installation manual_5_(Ansible Tower)			●		
6	Cobbler	【Appendix】IT Automation HA configuration installation manual_6_(Cobbler)				●	
7	Terraform	【Appendix】IT Automation HA configuration installation manual_7_(Terraform)					●
8	Web/AP	【Appendix】IT Automation HA configuration installation manual_8_(Web・AP)	●	●	●	●	●

2. Requirements

・Please refer to the following documents for the requirements of ITA.

  https://exastro-suite.github.io/it-automation-docs/asset/Documents/Exastro-ITA_System_Configuration_Environment_Construction_Guide_Basic.pdf
  IT Automation BASE system configuration/environment construction guide basics
  1.1 Server requirements

・Please refer to the following documents for the requirements of associated drivers.

  https://exastro-suite.github.io/it-automation-docs/asset/Documents/Exastro-ITA System Configuration Enviroment Construcion Guide Ansible-driver.pdf
  Ansible-driver system configuration/environment construction Ansible-driver
   3. System requirements
  https://exastro-suite.github.io/it-automation-docs/asset/Documents/Exastro-ITA System Configuration Enviroment Construcion Guide Cobbler-driver.pdf
  Cobbler-driver system configuration/environment construction Cobbler-driver
   3. System requirements

3. Open port

・In ITA, the port used in communication between each system(server) are as the list in the following document. Please refer to the document and open required ports.

  https://exastro-suite.github.io/it-automation-docs/asset/Documents/Exastro-ITA System Configuration Environment Construction Guide Basic.pdf
  IT Automation BASE system configuration/environment construction guide basics
  2.2 System communication requirements