



IT Automation

HA configuration

Installation manual

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

Version 1.5

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	OpenStack	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	【Appendix】IT Automation HA configuration installation manual 5 (Ansible Tower)			●			
6	Cobbler	【Appendix】IT Automation HA configuration installation manual 6 (Cobbler)				●		
7	OpenStack	【Appendix】IT Automation HA configuration installation manual 7 (OpenStack)					●	
8	Terraform	【Appendix】IT Automation HA configuration installation manual 8 (Terraform)						●
9	Web/AP	【Appendix】IT Automation HA configuration installation manual 9 (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