

# IT Automation

## Server distributed HA

## Configuration

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

Exastro IT Automation Version 1.8.0  
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	<a href="#">【Appendix】ITA-Server distrubuted HA configuration installation manual 1 (External storage)</a>	●	●	●	●	●
2	DBMS	<a href="#">Appendix】ITA-Server distrubuted HA configuration installation manual 2 (DBMS)</a>	●	●	●	●	●
3	backyard	<a href="#">【Appendix】ITA-Server distrubuted HA configuration installation manual 3 (backyard)</a>	●	●	●	●	●
4	Ansible	<a href="#">【Appendix】ITA-Server distrubuted HA configuration installation manual 4 (Ansible)</a>		●	●		
5	Ansible Tower	<a href="#">【Appendix】ITA-Server distrubuted HA configuration installation manual 5 (Ansible Tower)</a>			●		
6	Cobbler	<a href="#">【Appendix】ITA-Server distrubuted HA configuration installation manual 6 (Cobbler)</a>				●	
7	Terraform	<a href="#">【Appendix】ITA-Server distrubuted HA configuration installation manual 7 (Terraform)</a>					●
8	Web/AP	<a href="#">【Appendix】ITA-Server distrubuted HA configuration installation manual 8 (Web・AP)</a>	●	●	●	●	●

## 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