** Please change the the version number (x.x.x) written under "Settings" or "Remarks" to match the version of ITA being installed. Please also change text such as "ITA Installation directory name", Backyard Server host name" to fit your environment.

	Goal		
	Tale Tale		
Goal	Common creaters that group the company of the common company of the common company of the common com	Settings	Remarks
	Com Fenu Ans Cob		
Unpack ITA Installation files			
Unpack ITA Installation files	•	deploy the ITA file vx.x.x.tar.gz to the installation file directory. cd / (Install file unpack directory)	The install files can be unpacked in any directory. For online, uesr the following command to gather them.
		Is -I vx.x.x.tar.gz	wget https://github.com/exastro-suite/it-automation/archive/vx.x.x.tar.gz
		Unpack the ITA Installation files tar -zxf vx.x.xtar.gz	
		Configure ITA Installation directory	
		find it-automation-x.x.x -type f xargs -I[] sed -i -e "s:%%%%ITA_DIRECTORY%%%%:/ (ITA Install directory):g" []	
Install yum-utils			
[For CentOS7, RHEL7]		Install the following package	For online, use the following command to install.
Install yum-utils		yum-utils	yum install -y yum-utils
Install apache			
Install apache	$ \bullet $ $ $ $ $ $ $ $ $	Install the following packages httpd mod_ssl	For online, use the following command to install. yum install -y httpd mod_ssl
ApacheConfigure Apache automatic startup settings.		systematl enable httpd	yani motali y ntupu mou_ssi
Apaoneooningure Apaone automatio startup settifigs.	<u> </u>	systemou enable nutuu	<u> </u>
Install PHP			
Install PHP		Install the following packages	For Online, use the following command to activate Repositories
		php php-bcmath php-cli php-ldap php-mbstring php-mysqlnd php-pear php-pecl-zip php-process php-snmp php-xml zip telnet mailx unzip php-json php-gd python3 php-devel libyaml libyaml-devel make sudo crontabs	[For CentOS7, RHEL7] yum install -y http://rpms.remirepo.net/enterprise/remi-release-7.rpm
		prip devel insyanii asvanii devel make sade orondass	y neep, / pho. on position phosy to him to load of 7. phi
			yum-config-managerenable remi-php72
			[For CentOS8, RHEL8]
			Repositories will not be added
			For Online, use the following command to install.
			yum install -y php php-bcmath php-cli php-ldap php-mbstring php-
			mysqlnd php-pear php-pecl-zip php-process php-snmp php-xml zip telnet
Install PEAR Library		Install the following Pear packages	mailx unzip php-json php-gd python3 php-devel libyaml libyaml-devel make sudo crontabs For online, use the following command to install.
Install PEAR Library	•	Install the following Pear packages HTML_AJAX-beta	sudo crontabs
Install PEAR Library Configure HTML_AJAX-beta	•		sudo crontabs For online, use the following command to install.
Configure HTML_AJAX-beta	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta
Configure HTML_AJAX-beta		HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. peol channel-update peol.php.net
Configure HTML_AJAX-beta	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta
Configure HTML_AJAX-beta Install php-yaml	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory.	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory.	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install.
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor	For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install.
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor	For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1"
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1"
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For Cent0S7, RHEL7]	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1"
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For CentOS7, RHEL7] Configure php.ini [For CentOS8, RHEL8]	•	HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1"
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For CentOS7, RHEL7] Configure php.ini [For CentOS8, RHEL8] Configure php.ini		HTML_AJAX-beta In =s /usr/share/pear=data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php=yaml Create the following directory. mkdir =p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory cp =p /(Install file unpack directory)/it=automation=xxxx/ita_install_package/ext_files_for_CentOS7.x/etc/php.ini /etc/ cp =p /(Install file unpack directory)/it=automation=xxxx/ita_install_package/ext_files_for_CentOS8.x/etc/php.ini /etc/	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1"
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For CentOS7, RHEL7] Configure php.ini [For CentOS8, RHEL8] Configure php.ini [For CentOS8, RHEL8]		HTML_AJAX-beta In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory cp -p /(Install file unpack directory)/it-automation-x.x.x/ita_install_package/ext_files_for_CentOS7.x/etc/php.ini /etc/	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1"
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Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For CentOS7, RHEL7] Configure php.ini [For CentOS8, RHEL8] Configure php.ini [For CentOS8, RHEL8] Configure www.conf Update sudo file		HTML_AJAX-beta In =s /usr/share/pear=data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php=yaml Create the following directory. mkdir =p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory cp =p /(Install file unpack directory)/it=automation=xxxx/ita_install_package/ext_files_for_CentOS7.x/etc/php.ini /etc/ cp =p /(Install file unpack directory)/it=automation=xxxx/ita_install_package/ext_files_for_CentOS8.x/etc/php.ini /etc/	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1" mv vendor /usr/share/php/ Create command example: cat << EOS > /etc/sudoers.d/it-automation
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For CentOS7, RHEL7] Configure php.ini [For CentOS8, RHEL8] Configure php.ini [For CentOS8, RHEL8] Configure www.conf Update sudo file		In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory, mkdir -p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory cp -p /(Install file unpack directory) /it-automation-xxxx/ita_install_package/ext_files_for_CentOS7.x/etc/php.ini /etc/ cp -p /(Install file unpack directory) /it-automation-xxxx/ita_install_package/ext_files_for_CentOS8.x/etc/php.ini /etc/ cp -p /(Install file unpack directory) /it-automation-xxxx/ita_install_package/ext_files_for_CentOS8.x/etc_php-fpm.d/www.conf /etc/php-fpm.d/ /etc/sudoers.d/(Free file name) In the directory above, create a file with the contents below.	For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1" mv vendor /usr/share/php/ Create command example: cat << EOS > /etc/sudoers.d/it-automation daemon ALL=(ALL) NOPASSWD:ALL
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For CentOS7, RHEL7] Configure php.ini [For CentOS8, RHEL8] Configure php.ini [For CentOS8, RHEL8] Configure www.conf Update sudo file		In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory cpp /(Install file unpack directory)/it-automation-x.x.x/ita_install_package/ext_files_for_CentOS7.x/etc/php.ini /etc/ cpp /(Install file unpack directory)/it-automation-x.x.x/ita_install_package/ext_files_for_CentOS8.x/etc/php.ini /etc/ cpp /(Install file unpack directory)/it-automation-x.x.x/ita_install_package/ext_files_for_CentOS8.x/etc_php-fpm.d/www.conf /etc/php-fpm.d/ /etc/sudoers.d/(Free file name)	For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1" mv vendor /usr/share/php/ Create command example: cat << EOS > /etc/sudoers.d/it-automation
Configure HTML_AJAX-beta Install php-yaml Install PhpSpreadsheet Configure PHP [For CentOS7, RHEL7] Configure php.ini [For CentOS8, RHEL8] Configure php.ini [For CentOS8, RHEL8] Configure www.conf		In -s /usr/share/pear-data/HTML_AJAX/js /usr/share/pear/HTML/js Install the following package php-yaml Create the following directory. mkdir -p /usr/share/php/vendor Install the PhpSpreadsheet Package to the /usr/share/php/vendor Directory cp -p / (Install file unpack directory) /it-automation-x.x.x/ita_install_package/ext_files_for_CentOS7.x/etc/php.ini /etc/ cp -p / (Install file unpack directory) /it-automation-x.x.x/ita_install_package/ext_files_for_CentOS8.x/etc/php.ini /etc/ cp -p / (Install file unpack directory) /it-automation-x.x.x/ita_install_package/ext_files_for_CentOS8.x/etc/php.ini /etc/ cp -p / (Install file unpack directory) /it-automation-x.x.x/ita_install_package/ext_files_for_CentOS8.x/etc_php-fpm.d/www.conf /etc/php-fpm.d/ /etc/sudoers.d/ (Free file name) In the directory above, create a file with the contents below. daemon ALL=(ALL) NOPASSWD:ALL	sudo crontabs For online, use the following command to install. pear install HTML_AJAX-beta For online, use the following command to install. pecl channel-update pecl.php.net echo "" pecl install YAML For online, use the following command to install. curl -sS https://getcomposer.org/installer phpinstall-dir=/usr/bin /usr/bin/composer.phar require "phpoffice/phpspreadsheet":"1.14.1" mv vendor /usr/share/php/ Create command example: cat << EOS > /etc/sudoers.d/it-automation daemon ALL=(ALL) NOPASSWD:ALL apache ALL=(ALL) NOPASSWD:ALL

Goal	Common Menu create Host group Ansible	Cobbler Terraform CI/CD for IaC	Settings	Remarks
Change sudoers file			vi /etc/sudoers Check the sudoers file and comment out if any of the following is written.(If already comment out, skip this step) Defaults requiretty	
Install ITA			Doraute requirecty	
Create installation directory	•		mkdir -p / (ITA Installation directory)	**Make sure that "other users" also have permission to run all the parent directories of the ITA Install directory.
Deploy ITA files			cp -rp / (Installation file unpack location) / it-automation-x.x.x/ita_install_package/ITA/ita-contents/ita-root / (ITA Install directory)/.	
Deploy ITA settings file			cp -rp / (Installation file unpack location) / it-automation-x.x.x/ita_install_package/ITA/ita-confs / (ITA Install directory) / ita-root/confs	
Create Session directory	•		mkdir -m 777 / (ITA Installation directory) /ita_sessions	
Create data_relay_storage directory	•		mkdir / (ITA Installation directory) / data_relay_storage	
Create Directory used in ITA			For paths written in the /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/install_scripts/list/create_dir_list.txt file, create directories one line at a time with /(ITA Install directory) at the beginning. mkdir -p /(ITA Install directory)(File path written in the document)	
Change permission(755)			For paths written in the /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/install_scripts/list/755_list.txt, Change the permissions one line at a time with /(ITA Install directory) at the beginning. chmod 755 /(ITA Install directory) (File path written in the document)	
Change permission(777)			For paths written in the /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/install_scripts/list/777_list.txt, Change the permissions one line at a time with /(ITA Install directory) at the beginning. chmod 777 /(ITA Install directory) (File path written in the document)	
Deploy ita_base release file			cp -p / (Installation file unpack location) /it-automation-x.x.x/ita_install_package/ITA/ita-releasefiles/ita_base / (ITA Install directory) /ita-root/libs/release/.	
Deploy createparam Release files			cp -p /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/ITA/ita-releasefiles/ita_createparam /(ITA Install directory)/ita-root/libs/release/.	
Deploy hostgroup release files			cp -p /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/ITA/ita-releasefiles/ita_hostgroup /(ITA Install directory)/ita-root/libs/release/.	
Deploy ansible_driver release files	•	•	cp -p /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/ITA/ita-releasefiles/ita_ansible-driver /(ITA Install directory)/ita-root/libs/release/.	
Deploy cobbler_driver release files			cp -p /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/ITA/ita-releasefiles/ita_cobbler-driver /(ITA Install directory)/ita-root/libs/release/.	
Deploy terraform_driver release files			cp -p /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/ITA/ita-releasefiles/ita_terraform-driver /(ITA Install directory)/ita-root/libs/release/.	
Deply cicd_for_iac release files		 	cp -p /(Installation file unpack location)/it-automation-x.x.x/ita_install_package/ITA/ita-releasefiles/ita_cicd /(ITA Install directory)/ita-root/libs/release/.	
Configure MariaDB connection information			①Make sure that following character string is base64 encoded and rot13 encrypted. mysql:dbname=(ITA Database name);host=(DBMS Server IP Address.) ②Write the created character string into the file below. ※Delete any value already there. /(ITA Install directory)/ita-root/confs/commonconfs/db_connection_string.txt	Example: If the ITA Database name is "ITA_DB" and the DBMS Server IP Addr 1.1.1.1, The following command can be used to retrieve the base64-encoded, rot13-encrypted string.
Configure MariaDB user information			"①Make sure that the MariaDB Username is base64 encoded and rot13 encrypted. ②Write the created character string into the file below. ※Delete any value already there. /(ITA Install directory)/ita-root/confs/commonconfs/db_username.txt	Example: If the MariaDB Username is "ITA_USER, The following command can used to retrieve the base64-encoded, rot13-encrypted string.
Configure MariaDB password information			①Make sure that the MariaDB Password is base64 encoded and rot13 encrypted. ②Write the created character string into the file below. ※Delete any value already there. /(ITA Install directory)/ita-root/confs/commonconfs/db_password.txt	echo -ne "ITA USER" base64 tr '[A-Za-z]' '[N-ZA-Mn-za-m]' Example: If the MariaDB password is "ITA_PASSWD, The following command coused to retrieve the base64-encoded, rot13-encrypted string.

● /(ITA installation directory)/ita-root/webroot/menus/sheets /(Free Directory)/ita-root/webroot/menus/users ● /(ITA installation directory)/ita-root/webroot/menus/users /(Free Directory)/ita-root/webconfs/sheets (ITA installation directory)/ita-root/webconfs/sheets /(Free Directory)/ita-root/webconfs/sheets		Remarks
Apache settinas Apache set		
Continue / etc./hots Apache settings Apach	External storage common directory	
Create server certificate and secret key. About server host name) April		
All All Installation directory / Re-root/uploadfiles		-
Abache settings //(ITA installation directory)/ita-root/vebroot/uploadfiles //(Free Directory)/ita-root/vebroot/uploadfiles //(Free Directory)/ita-root/vebroot/menus/sheets //(Free Directory)/ita-root	/ita-root/temp	-
Anache settings	/ita-root/uploadfiles	-
Anache settings Anache settings Configure /etc/hosts Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Ansible server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Ansible server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Ansible server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Ansible server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Ansible server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Cabiber Server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Cabiber Server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Cabiber Server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Cabiber Server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Cabiber Server host name) 4. Add the following (Make sure to only write for the server you are using) 127.00.1 (Web AP server in Address) (Cabiber Server host name) 4. Add the following (Make sure to only write for the server to transmit. 4. Add the following (Make sure to only write for the server in Address) 4. Add the following (Make sure to only write for the server in Address) 4. Add the following (Make sure to only write for the server in Address) 4. Add the following (Make sure to only write for the server in Address) 4. Add the following (Make sure to only write for the server in Address) 4. Add the following (Mak	/ita-root/webroot/uploadfiles	-
Anache settings Onfigure /etc/hosts Onfigure /etc/hosts Orate server certificate and secret key: 387 his shows how to create a self certificate, but you can also use a certificate created by a public organization or use HTTP and not use certificates at all. Organization or use HTTP and not use certificates at all. Organization or use HTTP and not use certificates at all. Organization or use HTTP and not use certificates at all. Organization or use HTTP and not use certificates organization or use HTTP and not use certificates organization or use HTTP and not use certificates at all. Organizational Unit Mana (Eg. capture) [Default Company [Default Company Ltd](Can be blank) Organizational Unit Mana (Eg. capture) [Default Company Index [Default Index Inde	/ita-root/webroot/menus/sheets	-
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vi /etc/hosts	/ita-root/webconfs/users	-
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Add the following (Make sure to only write for the server you are using.) 127.0.01 (Web AP server host name) exastro-it-automation (Ansible server host name) (Ansible server host name) (Ansible server host name) (Ansible fower server IP Address) (Ansible Tower Server host name) (Cobbier server IP Address) (Ansible Tower Server host name) (Cobbier server IP Address) (Ansible Tower Server host name) (Cobbier server IP Address) (Ansible Server host name) (Cobbier server host nam		
Deploy Apache conf file detc/httpd/conf.d/ For CentOS8, RHEL8]	esr > (Ansible Server host name).crt	%If your server certificate comes with an intermediate certificate, concatenate the intermediate certificate to the server certificate and create a file. Create command cat [Server certificate file] [Intermediate certificate file] > [Connected server certificate.]
Deploy Apacheconf file detc/httpd/conf.d/ vi /etc/httpd/conf.d/ vi /etc/httpd/conf.d/vhosts_exastro-it-automation.conf In the file, change the three "exastro-it-automation" to (Ansible server host name)	/etc_httpd_conf.d/vhosts_exastro-it-automation.conf	
Fix Apache conf file vi /etc/httpd/conf.d/vhosts_exastro-it-automation.conf In the file, change the three "exastro-it-automation" to (Ansible server host name)	/etc_httpd_conf.d/vhosts_exastro-it-automation.conf	
SSLCertificateFile /etc/pki/tls/certs/(Ansible server host name).crt SSLCertificateKeyFile /etc/pki/tls/certs/(Ansible server host name).key		

No. Goal	Common Menu create Host group	Goal eldisub	Terraform	Settings	Remarks
Check that everything functions normally					
44 Check that Web is running				http://(Web/AP server IP Address)	Login ID: administrator Initial Password: password ※For information regarding accessing with HTTPS, please refer to "Check HTTPS Access".
Update Ansible interface information		•		Please input "Ansible server host name" into the "Host" in [Ansible common]-[Interface information]Menu	
Update Ansible Tower interface information **Input only if using Ansible Tower**		•		Input (AnsibleTower server host name) (AnsibleTower authentication token.) to the [Ansible Common]->[Interface Information] menu -> [AnsibleTower Interface].	
Check that the Cobber server is loading the created profile.		11		Check that the name of the profile created in the Cobler server is in the [Cobbler]-[Profile list]Menu's 「list」	
In the Cobber server, input the information of the server where the OS will be installed to.		1		In the [Basic Console]-[Device list]Menu -> Register], input the information of the server you are installing. **Refer to the document below for information regarding what to input. **https://github.com/exastro-suite/it-automation-docs/blob/master/asset/Documents/Exastro-ITA_System_Configuration_Environment_Construction_Guide_Cobbler-driver.pdf **System_Configuration_Environment_construction_guide_Cobbler(Page 11)	
49 Update Terraform interface information			•	•System Configuration Environment construction guide Cobbler (Page 11) In the [Terraform]-[Interface Information] Menu, enter the following information for the different items. Host name-> Terraform Enterprise Server host name. User token-> User token created from the Terraform Enterprise.	
Check HTTPS Access.					
Edit the web/Ap server host name/DNS Server or the device hosts.	•			Register the Web/AP Server host name to the DNS Server or the device's hosts.	
51 Import certificate to device.	•			See the following document for information regarding importing certificates to the device. https://exastro-suite.github.io/it-automation-docs/asset/Learn/ITA-online-install_en.pdf 4.5 Operation Check (5/6)	
52 Check HTTPS connection	•		$\dagger \dagger$	https://(Web+AP server host name)	XIt is possible to access through the server IP Address instead of the host name.
53 Control HTTP/HTTPS access	•			See the following document for information regarding HTTP and HTTPS Access control https://github.com/exastro-suite/it-automation-docs/blob/master/asset/Documents/ITA-online-install_en.pdf 4.7 References	